

# **COLOR TELEVISION RECEIVER**

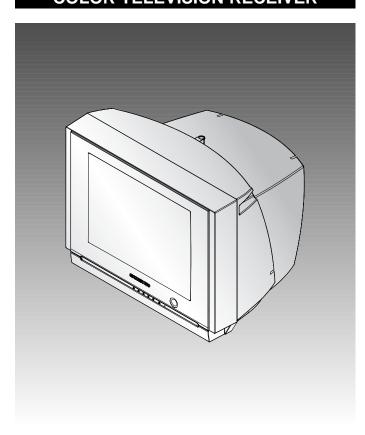
Chassis: K15D

Model: CL17M6MQFX/XAP

CL17M6MQFX/RCL

# SERVICE Manual

### **COLOR TELEVISION RECEIVER**



### **CONTENTS**

- 1. Precautions
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# 2. Specifications and IC Data

# **2-1 Specifications**

Television System:

MODEL	SYSTEM
СТ	NTSC ONLY

Channels:

System Band	NTSC
VHF	2 - 13
UHF	14 - 69
CABLE	1 - 125

Intermediate Frequencies (MHz):

SYSTEM  IF Carrier Frequency	NTSC
Picture IF Carrier	45.75
Sound IF Carrier	41.25
Color Sub Carrier	42.18

Picture Tube:

14 Inch	A34KQV42X	14Inch
15 Inch	A36QDT351X	15Inch Flat
20 Inch	A48KRD82X	20Inch
21 Inch	A51KQJ63X	21Inch

Power Requirements: AC 120V, 60Hz

Antenna Input Impedance: VHF, UHF: Telescopic dipole antenna (75 ohm unbalanced type )

Speaker Impedance 8 ohm

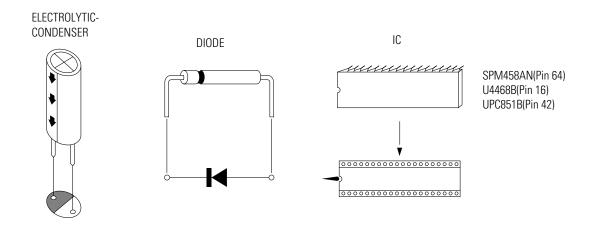
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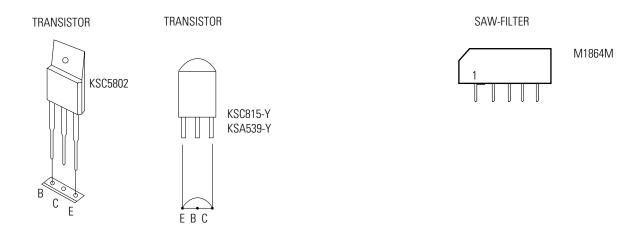
# 2-2 IC Line Up

	Table 2-1 IC Line-Up						
Loc. No	Specificatio	Description	Remark				
IC201S	SPM458AN	TDA9377, English/Spanish/French	Philips				
IC301	LA7840	VERTICAL OUTPUT	Sanyo				
IC501	TDA6107Q	RGB DRIVE AMP	Philips				
IC602	TDA7266M/TDA7266S	SOUND-AMP, TDA7266S (STEREO)	Philips				
IC801S	KA5Q0740RT (0765RT)	POWER IC (STR)	FIAIR CHILD				
IC802	KA7632	CUSTOM REGULATOR (5V, 8V, 3.3V)	SEC				
IC202	24C04	EEPROM					
PC801S	TCET1108 / LTV817B	PHOTO COUPLER					
ICS601	UPC1851B	Sound Processor (STEREO)	NEC				

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# **2-3 Semiconductor Base Diagrams**





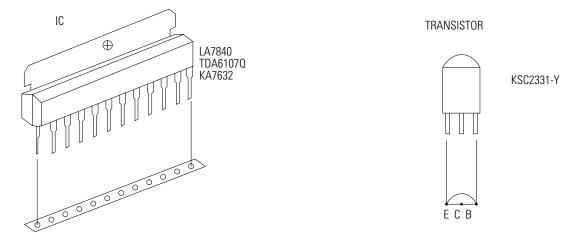


Fig. 2-1 Semiconductor Base Diagrams

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# **MEMO**

### 4. Alignment and Adjustments

#### **4-1 Preadjustment**

#### 4-1-1 Factory Mode

- 1. Do not attempt these adjustments in the Video Mode.
- 2. The Factory Mode adjustments are necessary when either the EEPROM (IC902) or the CRT is replaced.
- 3. Do not tamper with the "Adjustment" screen of the Factory Mode menu. This screen is intended only for factory use.

#### 4-1-2 When EEPROM (IC902) Is Replaced

- 1. When IC902 is replaced all adjustment data revert to initial values. It is necessary to re-program this data.
- 2. After IC902 is replaced, warm up the TV for 10 seconds.

#### 4-1-3 When CRT Is Replaced

 Make the following adjustments AFTER setting up after setting up purity and convergence:

White Balance
Sub-Brightness
Vertical Center
Vertical Size
Horizontal Size
Fail Safe (This adjustment must be the last step).

2. If the EEPROM or CRT is replaced and set SC as 20(factory mode).

### 4-2 Factory/Service Mode

#### 4-2-1 Procedure for the "Adjustment" Mode

- 1. This mode uses the standard remote control. The Service Mode is activated by entering the following remote-control sequence :
  - (1) DISPLAY  $\rightarrow$  FACTORY.
  - (2) STAND-BY  $\rightarrow$  MUTE  $\rightarrow$  1  $\rightarrow$  8  $\rightarrow$  2  $\rightarrow$  POWER ON.
- The "SERVICE (FACTORY)" message will be displayed. The Service Mode has four components: ADJUST, OPTION, G2-ADJUST and RESET.
- Access the Adjustment Mode by pressing the "VOLUME" keys (Up or Down). The adjustment parameters are listed in the accompanying table, and selected by pressing the CHAN-NEL keys (▲, ▼).

4. Selection sequences for the all system:

DOWN or UP key:

SCT>SBT>BLR>BLB>RG>GG>BG>VSL>VS> VA>HS>SC>CDL>STT>AKB>FS>NDL> LBS>NSR>SCBT>VOL>CAP>HBS>RP00> RP01>FMWS>AGC1>OMD>SCL>PWL> MUS>AGC>DSK>DVDB

- 5. The VOLUME keys increase or decrease the adjustment values (stored in the non-volatile memory) when Adjustment Mode is cancelled.
- 6. Cancel the Adjustment Mode by re-pressing the "FACTORY" or "Power OFF" keys.

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### 4-2-2 Main Adjustment Parameter

					SET	TING	
NO	OSD	FUNCTION	RANGE	INITAL DATA	19V	13V	REMARK
1	SCT	Sub Contrast	0 ~ 23	15	13	13	W/B (HIGH Y)
2	SBT	Sub Brightness	0 ~ 23	8	9	9	W/B A (LOW Y)
3	BLR	Black Level offset Red	0 ~ 63	35	31	31	W/B (LOW X, Y)
4	BLB	Black Level offset Blue	0 ~ 63	32	27	27	W/B (LOW X, Y)
5	RG	Red Gain	0 ~ 63	40	32	32	W/B (HIGH X, Y)
6	GG	Green Gain	0 ~ 63	30	25	25	FIX
7	BG	Blue Gain	0 ~ 63	42	31	31	W/B (HIGH X, Y)
8	VSL	Vertical Slope	0 ~ 63	30	31	31	Vertical SLOPE
9	VS	Vertical Shift	0 ~ 63	31	31	31	FIX
10	VA	Vertical Amplitude	0 ~ 63	20	40	20	Vertical SIZE
11	HS	Horizontal Shift	0 ~ 63	32	30	30	Horizontal SHIFT
12	SC	S-Correction	0 ~ 63	35	20	12	FIX
13	CDL	Cathode Drive Level	0 ~ 15	11	11	7	FIX
14	STT	Sub Tint	0 ~ 7	3	7	7	FIX
15	AKB	AKB On / off	0 ~ 1	0	0	0	FIX
16	FS	Filter Seting	0 ~ 15	32	37	37	FIX(STEREO)
17	NDL	NTSC Delay	0 ~ 15	1	1	1	FIX
18	LBS	Low Band Separation Set	0 ~ 63	32	32	32	FIX(STEREO)
19	NSR	NTSC Sub color	0 ~ 23	3	3	3	FIX
20	SCBT	Screen Brighrtness	0 ~ 63	35	45	45	FIX
21	VOL	Volume pre setting	0 ~ 63	10	10	10	FIX
22	CAP	Caption Position	0 ~ 15	12	12	12	FIX
23	HBS	High Band Separation Set	0 ~ 63	32	32	32	FIX(STEREO)
24	RP00	Ratio Pre / overshoot	0 ~ 1	1	1	1	FIX
25	RP01	Ratio Pre / overshoot	0 ~ 1	1	1	1	FIX
26	FMWS	Window Selection Sound PLL	0 ~ 1	0	0	0	FIX (Mono)
27	AGC1	IF AGC Speed	0 ~ 3	1	1	1	FIX (Nomal)
28	OMD	Offset IF Demodulator	0 ~ 63	32	32	32	FIX (No Crrection)
29	SCL	Soft Clipping Level	0 ~ 3	3	1	1	FIX (Off)
30	PWL	Peak White Limitting	0 ~ 15	15	13	13	FIX (100%)
31	MUS	Matrix USA	0 ~ 1	0	0	0	FIX (Mono)
32	AGC	Automatic Gain Control	0 ~ 63	33	33	33	FIX
33	DSK	Dynamic Skin Tone	0 ~ 1	0	0	0	FIX
34	DVDB	DVD Bright Offset	0 ~ 10	5	4	4	FIX

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### 4-2-3 Option Bytes

### In the Service Mode, various can be selected via the Option Table. Example:

Option Table: xx xx

	OSD	SETTING	REMARK
	VIDEO MUTE	ON	- 800msec Mute Time(Tri-norma)
1	(When swiching channel)	OFF	- Unavailable
		STEREO	- Zenith stereo (WITH IN UPC1851B)
2	AUDIO	LINE STEREO	- Line stereo (WITH IN UPC1851B)
		MONO	- Mono (WITH OUT UPC1851B)
1		ON	- Stereo/L STEREO Model
3	TURB0	OFF	- Mono Model
4		ZOOM	- Nornal / Zoom
4	ZOOM	NOMAL	- Nomal
		ON	- The power is switched on automatically when detaching the Master S/W Auto On
5	AUTO POWER ON	OFF	- Tact S/W Model
	SOUND MUTE	OFF	- Unavailable
6	(NO SIGNAL)	ON	- Available
		ENGLISH	
7	LANGUAGE	ESPANOL	- Start Language Select
1		FRENCH/PORTU	
		OFF	- Unavailable
8	HOTEL MODE	ON	- Available
		AIR/STD/HRC/IRC	
9	CATV	AIR/STD/HRC/AFN	- U.S Army
		ON	- Available (U.S.A, Army)
10	X-RAY	OFF	- Unavailable (South America)
		ON	- Available (U.S.A)
11	V-CHIP	OFF	- Unavailable (Canada)
		$TV \leftrightarrow AV$	
12	AV Option	$TV \leftrightarrow AV \leftrightarrow DVD$	
		ON	- Available (South America)
13	DEMO	OFF	- Unavailable (U.S.A)

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#### 4-3 Other Adjustments

#### 4-3-1 General

- 1. Usually, a color TV needs only slight touchup adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.
- The picture should have good black and white details. There should be no objectionable color shading; if color shading is present, perform the purity and convergence adjustments described below.
- Use the specified test equipment or its equivalent.
- 4. Correct impedance matching is essential.
- Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
- Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
- 7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
- 8. To protect against shock hazard, use an isolation transformer.

#### 4-3-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set has been moved or turned in a different direction, disconnect its AC power for at least 30 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before removing power.

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#### 4-3-3 High Voltage Check

CAUTION: There is no high voltage adjustment on this chassis. The B+ power supply must be set to +122.5 volts (Full color bar input and normal picture level).

- Connect a digital voltmeter to the second anode of the picture tube.
- Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
- 3. The high voltage should not exceed 30KV.
- 4. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 30KV under any conditions.

#### 4-3-4 FOCUS Adjustment

- 1. Input a black and white signal.
- 2. Adjust the tuning control for the clearest picture.
- 3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

# 4-3-5 Cathode Voltage Adjustment (Screen Adjustment)

- Connect CRT socket pin GK to an oscilloscope probe.
- 2. Input a gray scale pattern. (Use a pattern generator, PM5518)
- 3. Use the P mode key (on the remote control) for the STANDARD picture.
- 4. Adjust the Screen VR (on the FBT) so that the voltage on the oscilloscope becomes  $125\pm2.5$ V (See Fig. 4-1).

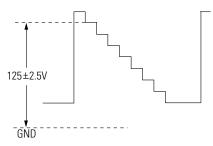


Fig. 4-1

#### 4-3-6 Purity Adjustment

- 1. Warm up the receiver for at least 20 minutes.
- 2. Plug in the CRT deflection yoke and tighten the clamp screw.
- 3. Plug the convergence yoke into the CRT and set in as shown in Fig. 4-2.
- 4. Input a black and white signal.
- 5. Fully demagnetize the receiver by applying an external degaussing coil.
- 6. Turn the CONTRAST and BRIGHTNESS controls to maximum.
- 7. Loosen the clamp screw holding the yoke. Slide the yoke backward or forward to provide vertical green belt. (Fig. 4-3).
- 8. Tighten the convergence yoke.
- 9. Slowly move the deflection yoke forward, and adjust for the best overall green screen.
- 10. Temporarily tighten the deflection yoke.
- 11. Produce blue and red rasters by adjusting the low-light controls. Check for good purity in each field.
- 12. Tighten the deflection yoke.

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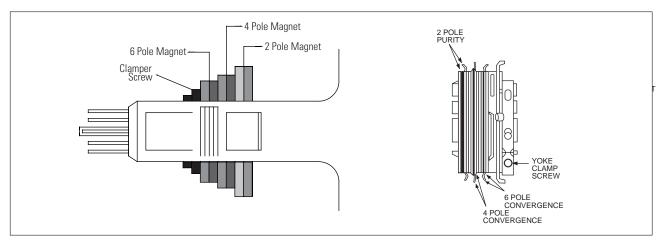


Fig. 4-2 Convergence Magnet Assembly

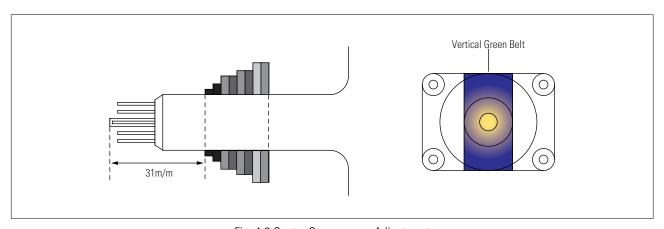


Fig. 4-3 Center Convergence Adjustment

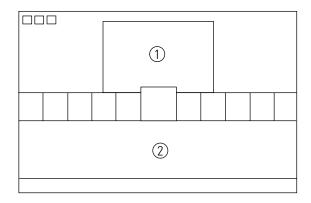


Fig. 4-4

#### 4-3-7 White Balance Adjustment

- (a) Set up
- 1. Warm up the TV for at least 30 minutes in the Aging Mode (OSD White). This mode is displayed by entering the following sequence:

DISPLAY  $\rightarrow$  FACTORY  $\rightarrow$  FACTORY

- 2. Input a Toshiba pattern.
- (b) Low-Light Adjustment
- 1. Set SBT to 1.2 fL in the Factory Service Mode with using CA100. See Fig. 4-4.
- 2. Adjust RG,BG so that the levels are suitable to each local area.
- (c) High-Light Adjustment
- Set SCT to 50FL(13V: 60FL) in the Factory Service Mode with using CA100.
   See Fig. 4-4.

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#### 4-3-8 Center Convergence Adjustment

- 1. Warm up the receiver for at least 20 minutes.
- 2. Adjust the two tabs of the 4 pole magnets to change the angle between them. Superimpose the red and blue vertical lines in the center area of the screen.
- 3. Adjust the Brightness and Contrast controls for a well defined picture.
- 4. Adjust the two-tab pairs of the 4 pole magnets, and change the angle between them. Superimpose the red and the blue vertical lines in the center area of the screen.

- 5. Turn the both tabs at the same time, keeping the angle constant, and superimpose the red and blue horizontal line in the center of the screen.
- 6. Adjust the two-tab pairs of the 6-pole magnets to superimpose the red and blue line onto the green. (Changing the angle affects the vertical lines, and rotating both magnets affects the horizontal lines.)
- 7. Repeat adjustments 2~6, if necessary.
- 8. Since the 4-pole magnets and 6-pole magnets interact, the dot movement is complex (Fig. 4-5).



Fig. 4-5 Center Convergence Adjustment

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#### 4-3-9 RF AGC Adjustment

Set the AGC data to 33 (Factory Mode).

#### 4-3-10 Sub-Color Adjustment

Set NSR data to 3 (Factory Mode).

#### 4-3-11 Geometry Adjustment

$$SC \rightarrow VS \rightarrow VA \rightarrow VSL \rightarrow HS$$

- 1. Input a lion head pattern.
- 2. Set the SC (S-Correction) as 20(13V:12) and VS(Vertical Shift) 31 so that the lion head circle becomes oval.
- 3. Adjust with VA (Vertical Amplitude) so that the top margin of the picture is 4.

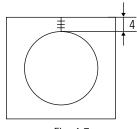


Fig. 4-7

4. Adjust with VSL (Vertical-Slope) so that the bottom margin of the picture is 4.

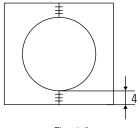


Fig. 4-8

5. Adjust with HS (Horizontal Shift) so that the lion-head pattern and CRT centers are aligned.

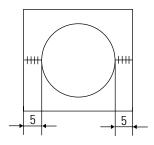


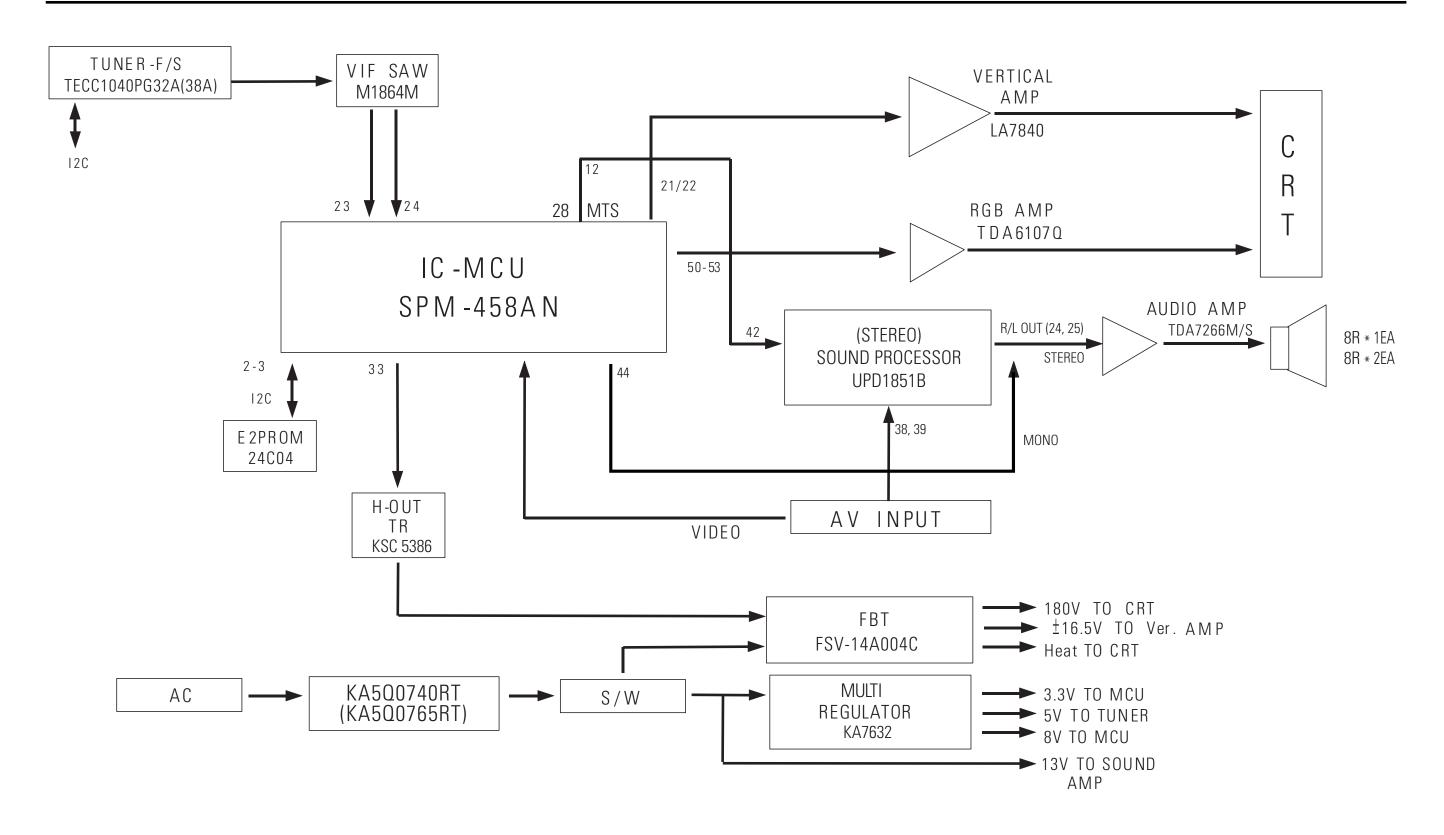
Fig. 4-9

6. Adjust HS (Horizontal Shift) so that the left and right margins of the picture are 5.

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# 8. Block Diagram

### 8-1 K15D



### 1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

#### 1-1 Safety Precautions

- 1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
- When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.
- Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

- 4. Leakage Current Hot Check (Figure 1-1):
  Warning: Do not use an isolation
  transformer during this test. Use a leakagecurrent tester or a metering system that
  complies with American National Standards
  Institute (ANIS C101.1, Leakage Current for
  Appliances), and Underwriters Laboratories
  (UL Publication UL1410, 59.7).
- 5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

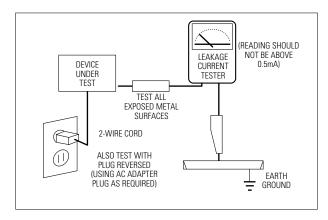


Fig. 1-1 AC Leakage Test

#### 6. Antenna Cold Check:

With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

#### 7. X-ray Limits:

The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

#### 8. High Voltage Limits:

High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

Heed the high voltage limits. These include the X-ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

#### 1-1 Safety Precautions (Continued)

- 9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
- 10. Design Alteration Warning: Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
- 11. Hot Chassis Warning:
  Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

- 12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.
- 13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
- 14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

- 15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
- 16. Picture Tube Implosion Warning:
  The picture tube in this receiver employs
  "integral implosion" protection. To ensure
  continued implosion protection, make sure
  that the replacement picture tube is the same
  as the original.
- 17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
- 18. Product Safety Notice:

  Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading,  $(\bigwedge)$  or  $(\triangle)$ .

Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

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### 1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

- 1. Servicing precautions are printed on the cabinet. Follow them.
- 2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
- 3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
- 4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

- 5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
- 6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.
  - The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
- Never defeat any of the B+ voltage interlocks.
   Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
- 8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

#### 1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

- Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
- 2. Immediately before handling any semicon ductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)
- After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
- Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

- 5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
- Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static"; these can accumulate sufficient electrical charge to damage ESDs.
- 7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
- 8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
- 9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

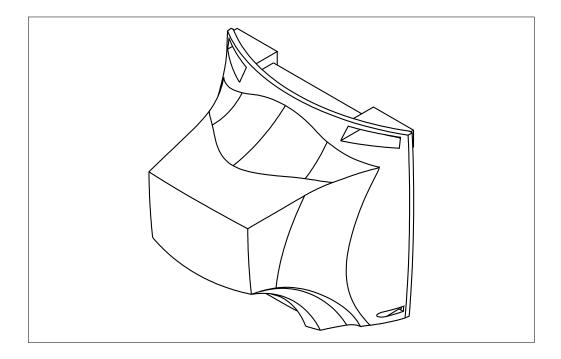
#### **CAUTION**

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

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# 3. Disassembly and Reassembly

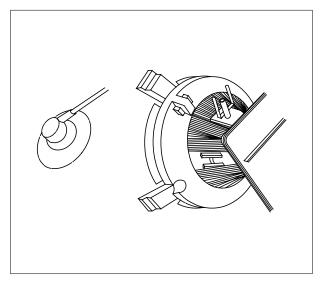
### 3-1 Back Cover Removal

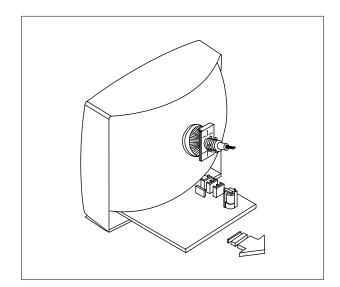


- 1. After removing the screws, press the tension rib and pull the cabinet backwards.
- 2. To reassemble, press the tension rib (see diagram).

Samsung Electronics 3-1

### 3-2 Main Board Removal

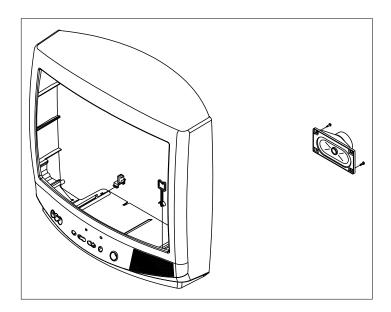




- 1. Separate the socket board from the CRT neck.
- 2. Remove the Anode Cap from the CRT.
- 3. Remove the main board by pulling it with both hands.

Warning: The FBT is charged with high voltage. Before removing the Anode Cap, discharge the voltage through one of the heat sinks on the main board.

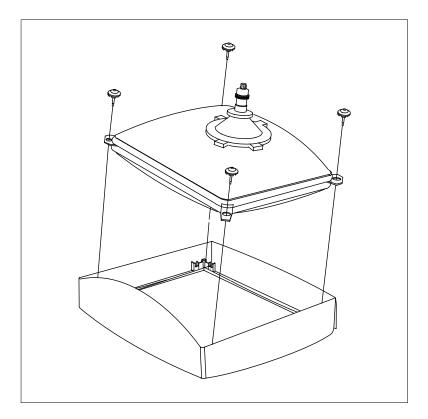
### 3-3 Speaker Removal



1. Remove the speaker by pressing the tension rib.

3-2 Samsung Electronics

### 3-4 CRT Removal



- 1. Spread a soft mat on the floor. Place the TV set face down.
- 2. Remove the 4 nuts mounting the CRT to the front cabinet. Lift the CRT.
- 3. Caution: Because of the high vacuum and large surface area of the picture tube, be careful while handling it: (1) Always lift the picture tube by grasping it firmly around the faceplate, (2) Never lift the tube by its neck. (3) Do not scratch the picture tube or apply excessive pressure. Fractures of the glass may cause an implosion.

Samsung Electronics 3-3

# **MEMO**

3-4 Samsung Electronics

# 7. Electrical Parts List

# 7-1 CL17M6MQFX/XAP

ASSY CHASSIS  1 A/CHASSIS A81-06990 ASSY CHASSIS TYME (FIELDLATIN  2 FOR AREA SOURS A CAMPONERS AND ASSY CHASSIS TYME (FIELDLATIN  2 FOR AREA SOURS A CAMPONERS AND ASSY CHASSIS TYME (FIELDLATIN  2 FOR AREA SOURS A CAMPONERS AND ASSY CHASSIS TYME (FIELDLATIN  2 FOR AREA SOURS A CAMPONERS AND ASSY CHASSIS TYME (FIELDLATIN  2 FOR AREA SOURS A CAMPONERS AND ASSY CHASSIS TYME (FIELDLATIN  2 FOR AREA SOURS A CAMPONERS AND ASSY CHASSIS TYME (FIELDLATIN  3 CAMPONERS AND ASSOCIATION AND ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION AND ASSOCIATION	Loc. No.	Code No. De	escription ; Specification Remark	L	oc.	No.	Cod	e No. Des	scription ; Specification	Remark
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1 ACM-SSS SAPE - GREAT ASSY CHASSIS TYME STEPLY THE STATE OF THE STATE										AM,30PF,300
2 FEFT	1 A/CHAS	SIS AA91-06490A	ASSY CHASSIS;17M6,K15D,LATIN							APING
2 CLAMAN AGE-SOURA (AMP-WIRE_MY/ORDE_C-DATL	O FDT	A A OF 00040 A	OLANAD VALIDE ANVI ONIO O DATI				(	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,T	APING
2 AAAAN AA94-1907A ASSY PER BANKTYPEXSESS PROVINCES PROV										
3 GRUZ   138 O1022				Z!	\ 4	D803				
3 CISSID 1143-001799   CFEPRION_ATZ_OLD_PEZ_C_ST_X6980_DEP   4 D809   CF				<u> </u>						
△3 N 1980 IS         140-001025         THERNISTOR INTC. 470HM 159- 2090 (25.5 0MW)         4 0002         2002-200532				<u> </u>						
3 PRIOS  1040-001265   THERMISTOR PTC.4 50HM/1000HM, 1040-20% 22   4 0301   0007, 0011.05   0010-EERCTPIERE RESIA 0.5% 1,001 0.0					4	D501	(	0402-000254	DIODE-RECTIFIER; RGP10J, 600V, 1A, D	0-41
3   CROUNTS   2011-000346   C-CERAMICA_COLORPEROUSZYMIT										44.04
3   GB10   30   100137   C-FILM MPE-PFS, 401578, ISAV TZESS 16										
3 CRID 260 000166 CHU MPHP 2200159; A0U7, 26X40, UMM ST										
A										
39   99910   30   90910   7   915   916					4	D503	(	0402-001105		
∆3         S998S         3704-001195         SOCKE-CRET.1H20PL25.FF.NJ         ∆         08015         902.001111         00100-RECIFERE NIRSGY/PE00N/1.5A.D.O.2           3         CN8904         3711-002649         POSTH-FADER/RYW05-040AUTO         ∆         08033         902.001111         00100-RECIFERE NIRSGY/PE00N/1.5A.D.O.2           3         A7017         3727-010984         ONDECTOR.HADER/RYW05-040AUTO         ∆         08033         902.001111         00100-RECIFERE NIRSGY/PE00N/1.5A.D.O.2           3         A7017         3727-010984         ONDECTOR.HADER/RYW05-040AUTO         ∆         08035         902.001111         00100-RECIFERE NIRSGY/PE00N/1.5A.D.O.2           3         17415         A0490-00374A         CNOONECON.HADER/RYW07-MARCH MORPS/RP3.3         ∆         0200-000509         00100-RECIFERE NIRSGY/PE00N/1.5A.D.O.2           3         17415         A0480-00018         AND SWINTOHINGERESSSS XISS 9.02-264 PWAZ         A         0200-000509         00100-RECIFERE NIRSGY/PE00N/1.5A.D.O.2           3         17415         A0480-00018         AND SWINTOHINGER/RYB         A         0200-000509         00100-RECIFER NIRSGY/PE00N/1.5A.D.O.2           3         17415         A0480-00018         AND SWINTOHINGER/RYB         A         0200-00019         00100-DECTRESSSYSY/PSWINTOHINGER/RYB         0200-00019         00				^						
3 ONBOY 271-1002642 POST-HABDER/WORS-SAMATION										
3 CN960 3 J171-00242 POST-HEADER-YW02S-D49AUT0)										
3 3 JA701 3772-001982 JACK-PINK-PIRE-SPIN-ALY-Z-SPIN-STRAIGH			· · · ·	À	4	D803S				
∆3 (201S)         AAB-00773A IC MICOMETIDASTYPS/NZ/AI (XM1987,648-3)         4 02402         0003-000508         DIODE ZENER/MTZJS BIS 50/5 45-573/500           ∆3 1401S         AAZ-00058A TRANS SWITCHING EERSIAS X150-9 2-284 PMZA         4 02402         0003-000508         DIODE ZENER/MTZJS BIS 50/5 45-573/500           ∆3 1401         AAZ-00058A TRANS SWITCHING EERSIAS X150-9 2-284 PMZA         4 02402         0003-000508         DIODE ZENER/MTZJS BIS 50/5 45-573/500           ∆3 1401         AAZ-00122A COLL INEARTY-90U+ 90U+LB1 DR10x10.7.5         4 02211         0003-0005080         DIODE ZENER/MTZJS BIS 50/5 45-573/500           ∆3 1401         AAZ-00122A COLL INEARTY-90U+90U+LB1 DR10x10.7.5         4 02211         0003-0003030         0003-0003030         DIODE ZENER/MTZJS BIS 50/5 45-573/500           ∆3 1401         AAZ-000103         AAZ-000100         DELECTRICA MARCE SIGNARIA AND AND AND AND AND AND AND AND AND AN				Ą	<b>\4</b>		(	0402-001111		
3 TOTIS AND TRANS. SWITCHING EERS 43, X15.9 90-264 PMZA         4 D2402         0025-000508         DIDDE-ZENERMIZ LS BS, SV, 545-57.97.00           3 TAMES         AND AGRO CORSTA TRANS EER. SEYL AND AGRO CORSTA LS AGRO CORSTAN AG				<u> </u>						
∆3 T444S         AA25-00065A         TRANS FBTFSV-14A0040S1,14-22,129V         4         D2904         QM33-00050B         DIODE-ZENER-MTZLS 681-S (92,5 4.5, 737/500)         QM33-00070B         QM33-00070B         QM33-00070B         DIODE-ZENER-MTZLS 681-S (92,5 4.5, 737/500)         QM33-00070B         QM33-00070B         DIODE-ZENER-MTZLS 681-S (92,5 4.5, 737/500)         QM33-00070B         QM33-00070B         DIODE-ZENER-MTZLS										
∆3 1 40101         AA25-500108 (DIL) (BRAIT) (2004) (SQL) (FIRE PAIR PAIR PAIR PAIR PAIR PAIR PAIR PAIR										
∆3 1 K8015         AA27-0012A         COIL LINEARITY/SQUH_30UH_181 DRITO/10.7.5         4 D2211         9403-000508         DIODE_ZENERA/TZJ.56B,55V2.455.73V.500           3 1 K8015         AA29-300010         LEADCONNECTOR-ASSY.*YRN02G-99.5.99.39         4 D2303         G003-000700         DIODE_ZENERA/ZSG.56VS_250PDIV_WD.0-41,T           3 1 C015         AA39-200010         LEADCONNECTOR-ASSY.*YRN02G-95.95.99.30         4 D2203         9003-000700         DIODE_ZENER_TZP33A_33V31-35V.           3 1 C0301         AA39-00024A         ASSY H/S, AA62-00046A_L7840         4 D2201         9003-000720         DIODE_ZENER_TZP33A_33V31-35V.           4 1 202-001483         IC-VERTICAL PROCESSO_LAR940_SIP?.7808MI         4 D2202         9003-000720         DIODE_ZENER_TMZJ.31 B1,3 IV.857-9.01V500           4 0 202-001483         CASENWATERTIER HH, ZS.M3I,8 J.PCLYCEL,SWR         4 D2307         9003-000720         DIODE_ZENER_TMZJ.31 B1,3 IV.857-9.01V500           4 0 202-00129         LEAT SINKERST.1 0,D1(DREAM) GUXSX         4 D2307         9003-000720         DIODE_ZENER_MTZJ.31 B1,3 IV.857-9.01V500           4 0 21-001303         LEAT SINKERST.1 0,D1(DREAM) GUXSX         4 D2502         903-000720         DIODE_ZENER_MTZJ.31 B1,3 IV.857-9.01V500           4 0 21-001303         LEAT SINKERST.1 0,S1(DREAM)         12503         903-000720         DIODE_ZENER_MTZJ.31 B1,3 IV.857-9.01V500 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
3 CNS01 AA39-2000H LEADCONNECTOR ASSY., YRBN025-08.5, 98-30   3 CT0101 AA39-2000H LEAD CONNECTOR ASSY., YRBN025-08.5, 98-30   3 CS01 AA39-2000H LEAD CONNECTOR ASSY., YRBN025-08.5, 98-30   3 CS01 AA39-2000H LEAD CONNECTOR ASSY., YRBN025-08.5, 98-30   3 CS01 AA39-20024A   4 C0200 CONTROL ASSY., A										•
3 G1101A AA39-20010H LEAD-CONNECTOR,ASSY,YFH800-01 S, 19:30. 3 TUOIS AA40-000723 LINNER-TECC1040F6232(S)1810CH A5.75MHZ,75 4 D2501 Q403-000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\500000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\50000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\50000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\50000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\50000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\50000720 D10DE-ZENRER,MT2.918,93/33-3-57,45\50000720 D10DE-ZENRER,MT2.918,93/35-7-9,01\\$500 D10DE-ZENRER,MT2.918,93/35-7-9,01										W,D0-41,T
∆3 TUDIS         AA40-00073A         TUNER TECCHORPESZASI,181CH 45.75MHZ,75         4 D2604         4003-000719         DIODEZEMERMIZJ,98,736,736,730,707.7450,500           3 IC301         AA96-00244A         ASSY H/S,, AA62-00046A LA7840,										
3 IC301 AASB-00244A ASSY H/S;AAS2-0006ALA7840. 4 0220 0403-000722 0100E-ZENRE,MIT2.9 IS 9.18.57-9.01V500 4 1204-001483 IC-VERTICAL PROCESSOLA7840,SIP7.P708MI 4 02205 0403-000720 0100E-ZENRE,MIT2.9 IS 9.18.57-9.01V500 4 6003-000335 SCREW-TAPITIE.RH+,25.M31.8.2PQYELI.SWR 4 02306 0403-000720 0100E-ZENRE,MIT2.9 IS 9.19.857-9.01V500 3 IC601 AAS6-00048A HEAT SINK-PS;T10., 0.1010REAM 60X25X 4 02307 0403-000720 0100E-ZENRE,MIT2.9 IS 9.19.857-9.01V500 4 0205-000129 GEASS-SILICONS.C102.JAPAN 4 02503 0403-000720 0100E-ZENRE,MIT2.9 IS 9.19.857-9.01V500 4 0205-000129 GEASS-SILICONS.C102.JAPAN 4 02503 0403-000720 0100E-ZENRE,MIT2.9 IS 9.19.857-9.01V500 4 0203-000720 0100E-ZENRE,MIT2.9 IS 9.19.857										4E\/ E00
4 0205-000129 GREASE-SILICON,SCIO2,JAPAN 4 02020 4403-000720 DIODE-ZENER,MTZ,19 18,9 1/8,57-9.011/500 4 0205-000335 CCPRENTAL PROCESSOLA7840.519/7.P08MI 4 02305 0403-000720 DIODE-ZENER,MTZ,19 18,9 1/8,57-9.011/500 4 0205-00044 AA62-00046A HEAT SINK-PS;↑11.0,DICREAM) 600250X 4 02300 0403-000720 DIODE-ZENER,MTZ,19 18,9 1/8,57-9.011/500 4 0205-000129 GREASE-SILICON,SCIO2,JAPAN 4 02501 0403-000720 DIODE-ZENER,MTZ,19 18,9 1/8,57-9.011/500 0403-000720	3 IC301	AA96-00244A	ASSY H/S;-,-,AA62-00046A,LA7840,-							
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3 IC601 AA96-00248 ASSY H/S:AA62-00066A,TDA7266S. 4 0205-000129 GREASE-SILICON,SC102,JAPAN 4 DZ502 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 0205-0001398 IC-POWERAMP.7266.2[15P.,DUAL,26dB.P.L 4 DZ503 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 6003-000335 SCREW-TAPTITE,HH.2S,M3,LB.2PC/YEL,SWR 4 DZ504 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 A62-00046A HEAT SINK-PS:T.1.0,_D1(DREAM) 60X25X 4 DZ606 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 1203-001939 IC-POWERAMP.7266.2[19.P.,PLASTI 4 DZ504 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 1203-001939 IC-POWERAMP.7266.2[19.P.,PLASTI 4 DZ606 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 1203-001939 IC-POWERAMP.7266.2[19.P.,PLASTI 4 DZ606 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 6003-000334 SCREW-TAPTITE,BH.2S,M3,LB.2PC 4 A62-00055A ASSY H/S:AA62-00056A KA7632 4 DZ807 0403-000720 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 C603-000335 SCREW-TAPTITE,BH.2S,M3,LB.2PC 4 DZ801 0403-001311 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 A62-00055A ASSY H/S:YILO.,35*15*25,D1, 4 DZ802 0403-001121 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,500 4 C70 0403-00131 DIODE-ZENER,MTZ.9. IB,9.1V8.57-9.01V,50										
4 0205-000129 GREASE-SILICON,SC102,JAPAN 4 DZ502 0403-000720 DIODE-ZENER,MTZJ9.1B,9.1V8.57-9.01V.500 DIODE-ZENER,MTZJ9.1B,9.1V8.57-9.01V.500 0403-000720 DIODE-ZENER,MTZJ9.1B,9.1V8.57-9.01V.500 DIODE-ZENER,MTZJ										
4 AA62-00046A HEAT SINK-PS;,T1.0,.D1(DREAM) 60X25X 4 D2806 0403-000720 DIODE-ZENER,MTZJ9.18,9.1V8.57-9.01V;500 4 0203-000334 CREW-TAPTITERH, +2S,M3,L6,ZP 4 D2801 0403-00121 DIODE-ZENER,MTZJ9.18,9.1V8.57-9.01V;500 DIODE-ZENER,MTZJ9.18,9.1V8.57-9.01V5.01 DIODE-ZENER,MTZJ9.18,9.1V8.57-9.01V5.01 DIODE-ZENER,MTZJ9.18,9.1V8.57										
△3         IC802         AA96-00245A         ASSY H/SAA62-00055A,KA7632.         4 D2807         CdG3-000720         DIODE-ZENER,MTZJ9.18,9.1V8,57-9.01V;500           4         1203-001939         ICPOSI,FKED REG.;7632,SIP;10P.;PLASTI         4 D2808         0403-000720         DIODE-ZENER,MTZJ9.18,9.1V8,57-9.01V;500           4         AA62-00055A         HEAT SINK-PST.1.0.,35*15*25,D1         4 D2801         0403-001211         DIODE-ZENER,MTZJ18,11.4.412.03V;500MW,D           4         AA62-00055A         HEAT SINK-PST.1.0.,35*15*25,D1         4 D2204         0403-001211         DIODE-ZENER,MTZJ18,11.4.412.03V;500MW,D           4         1201-001159         ICVIDEOAMP,TDA61070,-ZIP.9P;300         4 D2302         0403-001211         DIODE-ZENER,MTZJ18,11.4.412.03V;500MW,D           4         6003-000334         SCREW-TAPTITE;RH,+2S.M3,16,2P         4 D2901         0403-001213         DIODE-ZENER,MTZJ.43,8,4.17-4.43V;500MW,D           4         6003-000334         SCREW-TAPTITE;RH,+2S.M3,16,2P         4 D2805         0403-001328         DIODE-ZENER,MTZJ.13,4,8,4.17-4.43V;500MW,D           4         AA66-00116A         ASSY H/S., POWER,AG6-00112A,500765RT,TR         4 D2301         0403-001328         DIODE-ZENER,MTZJ.13,4,18,17-4.51V,507/500mW,D           4         1203-01932         ICPWM CONTROLLEA,500765,T0-220F,59186M         4 D230         0403-001328										
4 1203-001939   IC-POSI-FIXED REG_7632_SIP_10PPLASTI										
4 6003-000334 SCREW-TAPITTE;RH.+,2S,M3,L6,ZP 4 DZ801 0403-001140 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001140 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001211 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001211 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001211 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-00131 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-00121 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-00121 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001221 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001232 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001232 DIODE-ZENER;RD10ESAB-T4,10V9,19-10.30V, 0403-001328 DIODE-ZENER;MD10ESAB-T4,10V9,19-10.30V, 0403-001328 DIODE-ZENER;MD10E-ZENER;MD10ESAB-T4,10V9,19-10.30V, 0403-001328 DIODE-ZENER;MD10E-ZENER;MD10ESAB-T4,10V9,19-10.30V, 0403-001328 DIODE-ZENER;MD10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-10V9,10V10E-ZENER;MD10ESAB-T4,10V9,19-1										
3 IC501 AA96-50311A ASSY-H/S;-,VIDEO,AA62-30175D,TDA6107Q,- 4 1201-001159 ICVIDEOAMP,TDA6107Q,ZIPSP,300 4 D2802 0403-001318 DIODE-ZENER;IVZJ93BSB,35.36-37.19V,500MW,D 4 6003-000334 SCREW-TAPTITE;RH,+,2S,M3,L6,ZP 4 D2901 0403-001373 DIODE-ZENER;MTZ,J18,16,12-21.70,500mW,D 5 CREW-TAPTITE;RH,+,2S,M3,L6,ZP 4 D2901 0403-001373 DIODE-ZENER;MTZ,J18,16,22-17.06V,500mW,D 6 AA96-00816A ASSY H/S;-,POWER,AA62-00112A,500765RT,TR 4 D2301 0403-001328 DIODE-ZENER;MTZ,J18,16,22-17.06V,500mW,D 6 GREASE-SILICON;SC102_JAPAN 4 D2305 0403-001328 DIODE-ZENER;MTZ,J18,16,22-17.06V,500mW,D 6 GREASE-SILICON;SC102_JAPAN 4 D2305 0403-001328 DIODE-ZENER;MTZ,J22A,20.15-21.20V,500mW,D 7 GREASE-SILICON;SC102_JAPAN 4 D2305 0403-001328 DIODE-ZENER;MTZ,J22A,20.15-21.20V,500mW,D 7 GREASE-SILICON;SC102_JAPAN 4 D201 0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM 4 D201 0501-000389 TRANSISTOR;KSA539-Y(TAPG)/YTAM 4 D301 0501-0000389 TRANSISTOR;KSA539-Y(TAPG)/YTAM 4 D301 0501-000389 TRANSISTOR;KSA539-Y(										
4 1201-001159 ICVIDEOAMP,TDA61070,ZIP,9P,300 4 DZ802 0403-001318 DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,D0 4 06003-000334 CREW-TAPTITE;RH.+,2S,M3,L6,ZP 4 DZ901 0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D 0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D 0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D 0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D 0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D 0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D 0403-001328 DIODE-ZENER;MTZJ20.15-21.20V,500mW,D 0403-001328 DIODE-ZENER;MTZJ10.15-20V,500mW,D 0403-001328 DIODE-ZENER;MTZJ10.15-20V,500mW,D 0403-001328 DIODE-ZENER;MTZJ10.15-20V,500mW,D 0503-00030 DIODE-ZENER;MTZJ10.15-20V,500mW,D 0503-00030 TRANSISTOR;KSA539-Y(TAPG)YTAM 0403-001328 DIODE-ZEN										
4 6003-000334 SCREW-TAPTITE;RH,+,2S,M3,L6,ZP 4 DZ901 0403-001373 DIODE-ZENER;MTZJS,1A,4.8IV-5.07V;500mW,D AA62-30175D HEATSINK-PS;-,SECC,T1.0.,33X15X30FT-2 4 DZ905 0403-001327 DIODE-ZENER;MTZJJ18A,16.22-17.06V;500mW,D A205-000129 GREASE-SILICON;SC102,JAPAN 4 DZ301 0403-001328 DIODE-ZENER;MTZJ2BA,20.15-21.20V;500mW,D DIODE										
4 AA62-30175U HEAISINK-PS;-SECI,11.0,-33X15X30F1-2 4 DZ805 0403-001327 DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D 2050-00129 GREASE-SILICON;SC102,JAPAN 4 DZ301 0403-001328 DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D 1203-001932 IC-PVM CONTROLLER;500765,T0-220F,5P,185M 4 D2301 0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM 6003-000335 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 0901 0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM AA62-00112A HEAT SINK;TROJAN,AL1050 ,T2.0,W54.0,H40. 4 0402 0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM HEAT SINK;TROJAN,AL1050 ,T2.0,W54.0,H40. 4 0402 0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM AA62-00112A HEAT SINK;TROJAN,AL1050 ,T2.0,W54.0,H40. 4 0402 0501-000369 TRANSISTOR;KSA539-Y(TAPG)/YTAM AA96-00570A ASSY POWER CORD;-,CP2/NO,H/C200,KKP419C, 4 0202 0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100 AA39-10006X POWER-CORD;-,KKP419C, KLCE-2F,2286MT 4 0601 0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100 AA61-20284A HOLDER P CORD;PP,VO,BLK,KE-002 4 R207 2001-000005 R-CARBON;3900HM,5%,1/8W,AA,TP, AA62-000129 ASSY H/S;-,BRIDGE,AA62-00045A,D60L20S,D 4 RS603 2001-000010 R-CARBON;3900HM,5%,1/8W,AA,TP,18x3.2mm A 0402-001374 GREASE-SILICON;SC102,JAPAN 4 R607 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,18x3.2mm A 0402-001374 GREASE-SILICON;SC102,JAPAN 4 R607 2001-000010 R-CARBON;51,10HM,5%,1/8W,AA,TP,18x3.2mm A 0402-001374 GREASE-SILICON;SC102,JAPAN 4 R607 2001-000010 R-CARBON;51,10HM,5%,1/2W,AA,TP, B 0202-000088 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 R607 2001-000010 R-CARBON(S);10HM,5%,1/8W,AA,TP, B 0204-001024 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 R607 2001-000010 R-CARBON(S);10HM,5%,1/2W,AA,TP, B 0202-000008 SCREW-TAPTITE;RH,-,2S,M3,L8,ZPC(YEL),SWR 4 R607 2001-000010 R-CARBON(S);300HM,5%,1/2W,AA,T										
△NAMEDIAN         AA96-00816A         ASSY H/S; POWER,AA62-00112A,500765RT,TR         4 DZ301         0403-001328 DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D         DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D           4         0205-000129 GREASE-SILICON;SC102,JAPAN         4 DZ305         0403-001328 DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D           4         1203-001932 IC-PWM CONTROLLER;500765,T0-220F,5P;185M         4 Q201         0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM           4         6003-000335 SCREW-TAPTITE;RH,+,2S,M3,I8,ZPC(YEL),SWR         4 Q901         0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM           4         AA62-00112A HEAT SINK;TROJAN,AL1050,T2.0,W54.0,H40.         4 Q402         0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM           4         AA96-00570A ASSY POWER CORD;-,CP2/NO,H/C200,KKP419C, A393-10006X POWER-CORD;-,KP419C,KLCE-2F,2.286MT         4 Q601         0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100           4         AA61-20284A HOLDER P CORD;-,KP419C,KLCE-2F,2.286MT         4 Q601         0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100           4         AA96-00243D ASSY H/S;-,BRIDGE,AA62-00045A,D60U20S,D         4 RS603         2001-000007 R-CARBON;38CHMI,5%,1/8W,AA,TP,           4         0402-001374 O205-000129 GREASE-SILICON;SC102,JAPAN         4 R206 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.883.2mm           4         0402-001374 O205-000139 GREASE-SILICON;SC102,JAPAN         4 R607 2001-000539 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.883.2mm <td></td>										
4 1203-001932 IC-PWM CONTROLLER;500765,T0-220F,5P,185M 4 0201 0501-000283 TRANSISTOR;KSA6539-Y(TAPG)/YTAM 6003-000335 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 0901 0501-000283 TRANSISTOR;KSA6539-Y(TAPG)/YTAM AA62-00112A HEAT SINK,TROJAN,AL1050,T2.0,W54.0,H40. 4 0402 0501-000369 TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM AA62-00112A HEAT SINK,TROJAN,AL1050,T2.0,W54.0,H40. 4 0402 0501-000369 TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM AA62-00112A HEAT SINK,TROJAN,AL1050,T2.0,W54.0,H40. 4 0402 0501-000369 TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSISTOR;KSA6539-Y(TAPG)/YTAM AA61-2002840 AA99-000700 AA99-007000,CP2/N0,H/C200,KKP419C, 4 0202 0501-000369 TRANSISTOR;KSA6539-Y(TAPG)/YTAM TRANSIS										
4 6003-000335 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 0901 0501-000283 TRANSISTOR;KSA539-Y[TAPG]/YTAM AA62-00112A HEAT SINK;TROJAN,AL1050,T2.0,W54.0,H40. 4 0402 0501-000369 TRANSISTOR;KSA539-Y[TAPG]/YTAM HEAT SINK;TROJAN,AL1050,T2.0,0W54.0,H40. 4 0402 0501-0002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100 AA91-0002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100 HE-CARBON;3900HM,5%,1/8W,AA,TP, 85003 2001-000005 R-CARBON;3900HM,5%,1/8W,AA,TP, 85003 2001-000007 R-CARBON;3900HM,5%,1/8W,AA,TP, 85002 2001-000010 R-CARBON;380HM,5%,1/8W,AA,TP, 1.8x3.2mm HEAT SINK;PS;-,T1.0,-,DREAM,, 4 R5613 2001-000016 R-CARBON;24K0HM,5%,1/8W,AA,TP, 85012 2001-000018 R-CARBON;24K0HM,5%,1/8W,AA,TP, 85012 2001-000016 R-CARBON;25VHM,5%,1/8W,AA,TP, 85012 2001-000016 R-CARBON;S1.10HM,5%,1/8W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/8W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/8W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/8W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/2W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/2W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/2W,AA,TP, 85012 2001-000018 R-CARBON;S1.10HM,5%,1/2W,AA,TP, 85012 2001-000018 R-CARBON;S1.300HM,5%,1/2W,AA,TP, 85012 2001-000018 R-CARBON;S1.300HM,5%,1/										
4 AA62-00112A HEAT SINK;TROJAN,AL1050,TZ.0,W54.0,H40. 4 Q402 0501-000369 TRANSISTOR;KSC2331-Y(TAPG)  AA96-00570A ASSY POWER CORD;-,CP2/N0,H/C200,KKP419C, 4 Q202 0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100  AA39-10006X POWER-CORD;-,KP419C,KLCE-ZF,Z.286MT 4 Q601 0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100  AA61-20284A HOLDER P CORD;P,PV0,BLK,KE-002 4 R207 2001-000005 R-CARBON;3900HM,5%,1/8W,AA,TP,  BOBO AA96-00243D ASSY H/S;-,BRIDGE,AA62-00045A,D60U20S,D 4 RS603 2001-000007 R-CARBON;38KOHM,5%,1/8W,AA,TP,  COUST-00013P GREASE-SILICON;SC102,JAPAN 4 R206 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm  DIODE-RECTIFIERSDS60U20S,200V,6A,TO-22 4 RS602 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm  A62-00045A HEAT SINK,PS;-,T1.0,-,DREAM,, 4 RS613 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP,  COUST-000008 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000010 R-CARBON[S];10HM,5%,1/2W,AA,TP,1.8x3.2mm  COU20-0001024 FLUX,DF-96TVS,-20%,- 4 R809 2001-000017 R-CARBON[S];300HM,5%,1/2W,AA,TP,1.8x3.2mm  COU20-000187 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000019 R-CARBON[S];10hm,5%,1/2W,AA,TP,1.8x3.2mm  COU20-0001024 FLUX,DF-96TVS,-20%,- 4 R809 2001-000017 R-CARBON[S];300HM,5%,1/2W,AA,TP,1.8x3.2mm  COU20-000187 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000019 R-CARBON[S];300HM,5%,1/2W,AA,TP,1.2,AB,AB,AB,AB,AB,AB,AB,AB,AB,AB,AB,AB,										
№ R/AC         AA96-00570A         ASSY POWER CORD, CP2/NO,H/C200,KKP419C,         4         Q202         0501-002183         TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100           4         AA39-10006X         POWER-CORD, KKP419C, KLCE-2F,2.286MT         4         Q601         0501-002183         TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100           4         AA61-202844         HOLDER P CORD, P.PVO,BLK,KE-002         4         R207         2001-000005         R-CARBON;3900HM,5%,1/8W,AA,TP,           4         0205-000129         GREASE-SILICON;SC102,JAPAN         4         R206         2001-000010         R-CARBON;38KOHM,5%,1/8W,AA,TP,1.8x3.2mm           4         0402-001374         DIODE-RECTIFIERSDS60U20S,200V,6A,T0-22         4         R8602         2001-000010         R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm           4         A662-00045A         HEAT SINK-PS:-,T1.0,-,DREAM,-,-,-,         4         R8613         2001-000539         R-CARBON;24KOHM,5%,1/8W,AA,TP,           3         0204-000442         SOLVENT,CH3-CH5H-CH396%IM-1000         4         R301         2001-00016         R-CARBON(S):10HM,5%,1/2W,AA,TP           3         0204-001024         SOLDER-WIRE;63S-D3.0,S63A,D3,63/37         4         R843         2001-000019         R-CARBON(S):10HM,5%,1/2W,AA,TP           3         0202-000187         SOLDER-WIRE;63S-D3.0,S63A,D3,63/37										/I
4 AA39-10006X POWER-CORD;-KKP419C,KLCE-ZF,2286MT 4 0601 0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,T0-92,100 AA61-20284A HOLDER P CORD;PP,VO,BLK,KE-002 4 R207 2001-000005 R-CARBON;3900HM,5%,1/8W,AA,TP, and an analysis of the control of the contr	△3 PWR/AI	C AA96-00570A	ASSY POWER CORD;-,CP2/NO,H/C200,KKP419C,							V.TO-92.100
A396-00243D					4					
4 0205-000129 GREASE-SILICON;SC102,JAPAN 4 R206 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm 0402-001374 DIODE-RECTIFIERSDS60U20S,200V,6A,TO-22 4 RS602 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm 0402-000355 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 R607 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 18x3.2mm 04024-000442 SOLVENT;CH3-CH5H-CH396/M-1000 4 RS613 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 18x3.2mm 0404-000442 SOLVENT;CH3-CH5H-CH396/M-1000 4 R301 2001-000539 R-CARBON;51,10HM,5%,1/8W,AA,TP, 18x3.2mm 0404-001044 SOLVENT;CH3-CH5H-CH396/M-1000 4 R301 2001-0000539 R-CARBON;51,10HM,5%,1/8W,AA,TP, 18x3.2mm 0404-001044 SOLVENT;CH3-CH5H-CH396/M-1000 4 R301 2001-0000539 R-CARBON;51,10HM,5%,1/8W,AA,TP, 18x3.2mm 0404-001044 SOLVENT;CH3-CH5H-CH396/M-1000 4 R301 2001-0000539 R-CARBON;51,10HM,5%,1/8W,AA,TP, 18x3.2mm 0404-001044 SOLVENT;CH3-CH5H-CH396/M-1000 4 R301 2001-000016 R-CARBON;51,10HM,5%,1/8W,AA,T										
4 0402-001374 DIODE-RECTIFIERSDS60U20S,200V,6A,TO-22 4 RS602 2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm 6003-000335 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 R607 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-0000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-0000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-000016 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663 2001-000019 R-CARBON;24KOHM,5%,1/8W,AA,TP, 8663										
4 6003-000335 SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR 4 R607 2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP, 3 0204-000442 SOLVENT;CH3-CH5H-CH396%IM-1000 4 R301 2001-000016 R-CARBON(S);10HM,5%,1/2W,AA,TP, 3 0202-00008 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000019 R-CARBON(S);10HM,5%,1/2W,AA,TP, 4 R809 2001-000019 R-CARBON(S);10HM,5%,1/2W,AA,TP, 5 0202-000187 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000019 R-CARBON(S);10HM,5%,1/2W,AA,TP, R-CARBON(S);10HM,5%,1/2W,AA,TP, R-CARBON(S);10HM,5%,1/2W,AA,TP, R-CARBON(S);10HM,5%,1/2W,AA,TP, R-CARBON(S);10HM,5%,1/2W,AA,TP, R-CARBON(S);30HM,5%,1/2W,AA,TP, R-CARBON(S);30HM,5%,1/2W,AA,TP, R-CARBON(S);330HM,5%,1/2W,AA,TP, R-CARBON(S);330										
4 AA62-00045A HEAT SINK-PS:-,-T.1.0,-,-DREAM,,, 3 0204-000442 SOLVENT;CH3-CH5H-CH396\(\)IM-1000 4 R301 2001-000539 R-CARBON;24K0HM,5\(\),1/8W,AA,TP, 3 0202-000008 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000019 R-CARBON(S);10HM,5\(\),1/2W,AA,TP 3 0204-001024 FLUX;DF-96TVS,-20\(\),-20\(\),-20\(\) 4 R409 2001-000019 R-CARBON(S);30HM,5\(\),1/2W,AA,T 3 1CS601 1204-001974 IC-SOUND PROCESSOR,UPC1851BCU,SDIP,42P,6 4 R808 2001-000138 R-CARBON(S);3300HM,5\(\),1/2W,AA,	4									
3 0202-00008 SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 4 R843 2001-000019 R-CARBON(S);100hm,5%,1/2W,AA,TP2.4x6.4m 3 0204-001024 FLUX;DF-96TVS,-;20%,- 4 R409 2001-000022 R-CARBON(S);330HM,5%,1/2W,AA,T 3 0202-000187 SOLDER-WIREFLUX;-,RS60S,D1.2,6 4 R823 2001-000037 R-CARBON(S);3300HM,5%,1/2W,AA,T 3 ICS601 1204-001974 IC-SOUND PROCESSOR,UPC1851BCU,SDIP,42P,6 4 R808 2001-001138 R-CARBON(S);3900HM,5%,1/2W,AA,										
3 0204-001024 FLUX;DF-96TVS,-;20%,- 4 R409 2001-000022 R-CARBON(S);3300HM,5%,1/2W,AA,T 3 ICS601 1204-001974 IC-SOUND PROCESSOR,UPC1851BCU,SDIP,42P,6 4 R808 2001-000138 R-CARBON(S);3900HM,5%,1/2W,AA,										
3 0202-000187 SOLDER-WIREFLUX;-,RS60S,D1.2,6 4 R823 2001-000037 R-CARBON(S);3300HM,5%,1/2W,AA, 3 ICS601 1204-001974 IC-SOUND PROCESSOR,UPC1851BCU,SDIP,42P,6 4 R808 2001-001138 R-CARBON(S);3900HM,5%,1/2W,AA,										
3 ICS601 1204-001974 IC-SOUND PROCESSOR,UPC1851BCU,SDIP,42P,6 4 R808 2001-001138 R-CARBON(S);3900HM,5%,1/2W,AA,										
3 CN701 3711-003641 CONNECTOR-HEADER;BOX,12P,1R,2.	3 ICS601	1204-001974	IC-SOUND PROCESSOR, UPC1851BCU, SDIP, 42P,6							
	3 CN701	3711-003641	CUNNECTOR-HEADER;BOX,12P,1R,2.							

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Loc. No.	Code No. D	escription ; Specification R	emark	Loc. No.	Code No. De	escription ; Specification	Remark
4 R211	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R502H	2002-001008	R-COMPOSITION;1.8KOHM,10%	61/2W,AA,TP,3.7
4 R233	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R503	2002-001008	R-COMPOSITION;1.8KOHM,109	
4 R501	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		△ 4 RY801S		R-COMPOSITION;4.7MOhm,5%	
4 R502	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R402	2003-002178	R-METAL OXIDE(S) 1Kohm,5%,2	
4 R506 4 R510	2001-000281 2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP, R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R413 4 R403	2003-000664 2003-001093	R-METAL OXIDE(S);330HM,5%, R-METALOXIDE;RS2RT123-J12F	
4 R511	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R827	2003-001093	R-METALOXIDE;3000HM,5%,2\	
4 R512	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R407	2003-001040	R-METALOXIDE(S);47Kohm,5%,	
4 R909	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R834	2003-001040	R-METALOXIDE(S);47Kohm,5%,	
4 R911	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R315	2003-002009	R-METALOXIDE(S);3900HM,5%	,2W,A
4 R912	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R316	2003-002009	R-METALOXIDE(S);3900HM,5%	
4 R913	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R811	2003-002239	R-METAL OXIDE(S);100KOHM,5	
4 R914 4 R917	2001-000281 2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R812 4 R603	2003-002239 2004-000195	R-METAL OXIDE(S);100KOHM,5	
4 R917 4 R933	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP, R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R302	2004-001371	R-METAL;100Kohm,1%,1/8W,A R-METAL(S);1.5KOHM,1%,1/2V	
4 R934	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R306	2004-001371	R-METAL(S);1.5KOHM,1%,1/2V	
4 R942	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R423	2004-001408	R-METAL(S);91K0HM,1%,1/2W	
4 R943	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R424	2004-001402	R-METAL(S);6.8KOHM,1%,1/2V	V,AA,
4 RS60		R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R219	2004-001914	R-METAL;39K0HM,2%,1/8W,A	
4 RS60		R-CARBON;1000HM,5%,1/8W,AA,TP,		4 R304	2008-000253	R-FUSIBLE(S);0.470HM,5%,1W,	
4 R224 4 R291	2001-000290 A 2001-000290	R-CARBON;10K0HM,5%,1/8W,AA,TP, R-CARBON;10K0HM,5%,1/8W,AA,TP,		4 R305 4 R801	2008-000253 2008-001107	R-FUSIBLE(S);0.470HM,5%,1W, R-FUSIBLE(S);300ohm,5%,2W,A	
4 R601	2001-000290	R-CARBON; 10KOHW, 5%, 1/8W, AA, 11,		4 R825	2008-000266	R-FUSIBLE(S);10HM,5%,2W,AF,	
4 R612	2001-000290	R-CARBON; 10KOHM, 5%, 1/8W, AA, TP,		4 R303	2008-000266	R-FUSIBLE(S);10HM,5%,2W,AF,	
4 R828	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		4 R608	2008-000284	R-FUSIBLE(S);0.10HM,10%,2W,	
4 R910	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		4 R609	2008-000284	R-FUSIBLE(S);0.10HM,10%,2W	AF,TP,3.9X10M
4 RS61		R-CARBON;10K0HM,5%,1/8W,AA,TP,		4 R824	2008-000294	R-FUSIBLE;330HM,5%,2W,AF,T	
4 RS61:		R-CARBON;10KOHM,5%,1/8W,AA,TP,		4 R422	2008-001011	R-FUSIBLE(S);0.180HM,10%,2V	
4 RS61		R-CARBON;10KOHM,5%,1/8W,AA,TP,		4 R420	2008-001047	R-FUSIBLE(S);68ohm,5%,2W,AF	
4 R225 4 R205	2001-000325 2001-000397	R-CARBON;1200HM,5%,1/8W,AA,TP, R-CARBON;180KOHM,5%,1/8W,AA,TP		4 C302 4 CS621	2201-000132 2201-000327	C-CERAMIC,DISC;100PF,10%,50 C-CERAMIC,DISC;2.2NF,10%,50	
4 R218	2001-000337	R-CARBON; 18KOHM,5%,1/8W,AA,TP,		4 CS624	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50	
4 R602	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 CS626	2201-000379	C-CERAMIC,DISC;22NF,+80-209	
4 R604	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C908	2201-000573	C-CERAMIC, DISC; 47PF, 5%, 50V,	
4 R926	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C909	2201-000573	C-CERAMIC,DISC;47PF,5%,50V,	NPO
4 R944	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C408	2201-000599	C-CERAMIC,DISC;560PF,10%,50	
4 RS60		R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm		⚠4 CR404S		C-CERAMIC, DISC; 1nF, 10%, 2kV,	
4 RS60 4 RS60		R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C503 4 C811	2201-000723 2201-000991	C-CERAMIC, DISC; 4.7nF, 20%, 3K C-CERAMIC, HIC; CK45(T)B2KV56	
4 R918	2001-000423	R-CARBON; 2.2KOHM,5%,1/8W,AA,TP		4 C814	2201-000991	C-CERAMIC,HIC;CK45(T)B2KV56	
4 R940	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP		4 C105	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+	
4 R941	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP		4 C111	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+	
4 R907	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP		4 C912	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+	
4 R908	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP		4 C226	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,1	
4 R214 4 R829	2001-000490 2001-000563	R-CARBON;2000HM,5%,1/8W,AA,TP, R-CARBON;27K0HM,5%,1/8W,AA,TP,1.8X3.2MI	Λ.4	4 C223 4 C224	2202-000796 2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10 C-CERAMIC,MLC-AXIAL;1NF,10	
4 R208	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8A3.2IVII	IVI	4 C224 4 C602	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10	
4 R220	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP		4 C906	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10	•
4 R202	2001-000689	R-CARBON;390KOHM,5%,1/8W,AA,TP		4 C505	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,1	10%,50V,Y5P,TP
4 R925	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4 C211	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,	
4 R227	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP		4 C502	2301-000213	C-FILM,PEF;220NF,5%,250V,21.	
4 R228	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP		4 C109	2301-000224	C-FILM,PEF;22NF,5%,50V,7.4X3	
4 R109 4 RS60	2001-000786 5 2001-000800	R-CARBON;47KOHM,5%,1/8W,AA,TP, R-CARBON;5.1KOHM,5%,1/8W,AA,TP		4 C804 4 C309	2301-000224 2301-000254	C-FILM,PEF;22NF,5%,50V,7.4X3. C-FILM,PEF;39NF,5%,50V,7.5X3.	
4 R203	2001-000857	R-CARBON;5600HM,5%,1/8W,AA,TP,		4 C227	2301-000301	C-FILM,PEF;6.8NF,5%,50V,6.5X5	
4 R288	2001-000908	R-CARBON;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	า	4 C217	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP,7.4	
4 R289	2001-000908	R-CARBON;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C234	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP,7.4	
4 R110	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C805	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP,7.4	
4 R108	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP		4 CS606	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x	
4 R222 4 R605	2001-000947 2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP R-CARBON;7.5KOHM,5%,1/8W,AA,TP		4 C407 4 C248	2301-000383 2301-000445	C-FILM,PEF;10nF,5%,50V,TP,6x7. C-FILM,PEF;4.7nF,5%,50V,TP,5.5	
4 R212	2001-000947	R-CARBON;750HM,5%,1/8W,AA,TP,1		4 C420	2301-001065	C-FILM,MPPF;47NF,55,630V,TP,1	
4 R215	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1		4 C312	2305-000149	C-FILM;CF922N100VT104-J-40/	
4 R610	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1		4 C301	2305-000285	C-FILM,MPEF;220NF,5%,100V,-,	
4 R711	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1		4 C215	2305-000289	C-FILM,MPEF;220NF,5%,63V,-,5	MM
4 R712	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1		4 C216	2305-000289	C-FILM,MPEF;220NF,5%,63V,-,5	
4 R714	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1		4 C233	2305-000289	C-FILM,MPEF;220NF,5%,63V,-,5	
4 R408	2001-001037	R-CARBON(S);0.390HM,5%,1/2W,AA		4 C205	2305-000289	C-FILM,MPEF;220NF,5%,63V,-,5	
4 R504 4 R414	2001-001062 2001-001078	R-CARBON(S);10MOHM,5%,1/2W,AA, R-CARBON(S):15KOHM,5%,1/2W,AA		4 C235 4 C236	2305-000289 2305-000289	C-FILM,MPEF;220NF,5%,63V,-,5	
4 R414 4 R840	2001-001078	R-CARBON(S);15K0HM,5%,1/2W,AA, R-CARBON(S);22K0HM,5%,1/2W,AA,		4 CZ36 A CR405S		C-FILM,MPEF;220NF,5%,63V,-,5 C-CERAMIC,DISC;3.3nF,10%,50	
4 R411	2001-001114	R-CARBON(S);2700HM,5%,1/2W,AA,		4 C916	2305-000441	C-FILM,MPEF;470NF,5%,63V,-,5	
4 R809	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA		4 C103	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4 R810	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA		4 C207	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4 R405	2001-001187	R-CARBON(S);750HM,5%,1/2W,AA,T		4 C208	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4 R831	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AB	,	4 C210	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4 R5011	H 2002-001008	R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.7		4 C218	2305-000665	C-FILM;104J, 60V,5MM TAPING	1

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Loc. No.	Code No. D	escription ; Specification F	Remark	Loc. No.	Code No. De	scription ; Specification	Remark
4 C222	2305-000665	C-FILM;104J, 60V,5MM TAPING		4 L807	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4	
4 C230	2305-000665	C-FILM;104J, 60V,5MM TAPING		4 L808	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5	
4 C803	2305-000665	C-FILM;104J, 60V,5MM TAPING		4 L806	3301-000287	CORE-FERRITEBEAD; AA, 3.5X1.0X	
4 C819 4 C913	2305-000665 2305-000665	C-FILM;104J, 60V,5MM TAPING C-FILM;104J, 60V,5MM TAPING		4 J124 4 L206	3301-000287 3301-000287	CORE-FERRITEBEAD; AA, 3.5X1.0XI CORE-FERRITEBEAD; AA, 3.5X1.0XI	
4 C920	2305-000665	C-FILM;104J, 60V,5MM TAPING		4 L802	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X	
4 CS602	2305-000665	C-FILM;104J, 60V,5MM TAPING		4 L803	3301-001223	CORE-FERRITE BEAD; AB, -, 3.5X5X	
4 CS608	2305-000665	C-FILM;104J, 60V,5MM TAPING		⚠4 FD801S		FUSE-AXIAL LEAD; 125V, 5A, FAST-	
4 C225	2309-000138	C-FILM,PE-PPF;100NF,5%,50V,TP,		4 F801A	3602-000114	FUSE-HOLDER;-,-,30MOHM	
4 C812	2401-000262	C-AL;100UF,20%,160V,GP,16X25MM,5MM,		4 F801B	3602-000114	FUSE-HOLDER;-,-,30MOHM	
4 C817	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5		4 J101	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C821	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5		4 J102	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C823 4 CS629	2401-000302 2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5 C-AL;100UF,20%,25V,GP,6X11MM,5		4 J103 4 J104	3812-000219 3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6 JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C3023	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5		4 J105	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C308	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5		4 J106	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C506	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10		4 J107	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C403	2401-000560	C-AL;1UF,20%,160V,GP,GT,6.3,11MM		4 J108	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C219	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J110	3812-000219	JUMPER-WIRE-SO, COPPER; TA0.6	SN/52M/M(A
4 C601	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J111	3812-000219	JUMPER-WIRE-SO, COPPER; TA0.6	
4 CS603	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J112	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS611	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J113	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS613 4 CS614	2401-000603 2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J114	3812-000219 3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6 JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS614 4 CS616	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J115 4 J117	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS617	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 J120	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C221	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 J121	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 CS605	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 J122	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS622	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 J128	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS625	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 J129	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	SN/52M/M(A
4 C280	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 J130	3812-000219	JUMPER-WIRE-SO, COPPER; TA0.6	
4 C815	2401-000703	C-ELEC;CE04-40/8525VT222-MWSD		4 J131	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C827	2401-000927	C-AL;22UF,20%,250V,GP,13X20MM,		4 J132	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C110 4 CS601	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5		4 J135 4 J136	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS601 4 CS610	2401-000962 2401-001026	C-AL;22uF,20%,50V,GP,TP,5x11,5 C-AL;3.3UF,20%,50V,GP,5X11MM,5		4 J136 4 J137	3812-000219 3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6 JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C802	2401-001020	C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP		4 J138	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C504	2401-001232	C-AL;4.7UF,20%,250V,GP,10X12.5		4 J139	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 CS607	2401-001334	C-ALUMINUM;470NF,20%,50V,GP,5*11MM,2M	IM,T	4 J140	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C304	2401-001397	C-AL;470UF,20%,25V,GP,10X16MM,		4 J142	3812-000219	JUMPER-WIRE-SO, COPPER; TA0.6	SN/52M/M(A
4 C306	2401-002288	C-ELEC;CE04-55/10525VT471-MWRG		4 J150	3812-000219	JUMPER-WIRE-SO, COPPER; TA0.6	
4 C209	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 J401	3812-000219	JUMPER-WIRE-SO, COPPER, TAO. 6	
4 C213	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 J602	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C229 4 C903	2401-000025 2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5 C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 J604 4 J605	3812-000219 3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6 JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C910	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 J606	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C605	2401-001998	C-AL;1000UF,20%,25V,GP,TP,10X20		4 J801	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 CS604	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 J802	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS615	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 J803	3812-000219	JUMPER-WIRE-SO, COPPER; TA0.6	SN/52M/M(A
4 CS618	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 J804	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 CS619	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 J807	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C901	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5		4 J808	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C203 4 C220	2401-000050 2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 JAW02 4 JS601	3812-000219 3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6 JUMPER-WIRE-SO.COPPER:TA0.6	
4 C220 4 C231	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 R229	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	- / - /
4 C820	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 R309	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 CS612	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 R507	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C813	2401-002290	C-AL;47uF,20%,160V,GP,TP,13x20,5		4 R508	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 C101	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5		4 R509	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 C406	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5		4 J125	3812-000219	JUMPER-WIRE-SO, COPPER, TAO. 6	
4 C818	2401-003028	C-AL;100UF,20%,25V,WT,TP,6.3X1		4 L805	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 L103	2701-000114	INDUCTOR AXIAL:10UH;10%;2.5X3.		4 J143	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 L202 4 L903	2701-000114 2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3. INDUCTOR-AXIAL;10UH,10%,2.5X3.		4 J811 4 J133	3812-000219 3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6 JUMPER-WIRE-SO, COPPER; TAO. 6	
4 R101	2701-000114	INDUCTOR-AXIAL; 10011,10 %,2.5X3.		4 J603	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	- / - /
4 R102	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.		4 J402	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 L203	2701-000127	INDUCTOR-AXIAL;15UH,10%,2.5X3.		4 J823	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 L301	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4		4 J127	3812-000219	JUMPER-WIRE-SO, COPPER, TAO. 6	
4 L302	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4		<b>△</b> 4 L403	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 L404	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4		4 J822	3812-000219	JUMPER-WIRE-SO, COPPER; TAO.6	
4 L102	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4 J805	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 L201	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4 R805	3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6	
4 L230 4 L405	2701-000159 2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4 R850 4 J601	3812-000219 3812-000219	JUMPER-WIRE-SO, COPPER; TAO. 6 JUMPER-WIRE-SO, COPPER; TAO. 6	
4 L403 4 L902	2701-000139	INDUCTORAXIAL;22uH,10%,4.2x9.6IIIIII INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4 01VER		PCB-MAIN;TXM1967X/XAA,FR-1,	
4 L904	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4 EY401	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E	
4 L804	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm		4 EY402	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E	
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Loc.	. No. (	Code No. De	escription ; Specification	Remark	Loc.	No. (	Code No. Des	scription ; Specification Remark	k
4	EY403	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH		2	A/CTRL	ΔΔ96-N15 <i>I</i> I5Λ	ASSY PCB P-CONTROL;TXN1634FX,K15D	
4	EY404	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			DZA01	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
4	EY405		EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			RA02	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,	
4	EY414		EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH			RA04	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,	
4	EY415 EY416	6042-000002 6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH			RA01 RA05	2001-000241 2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
4	EY417	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			RA03	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP R-CARBON;2.7KOHM,5%,1/8W,AA,TP	
4	EY418	6042-000002				RA06	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP	
4	EY419		EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			RA08	2001-000793	R-CARBON;470HM,5%,1/8W,AA,TP,1	
4	EY420		EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			RA07	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	EY421 EY501	6042-000002 6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH		3	CA01 00VER	2401-002009 AAA1-00889A	C-AL;100UF,20%,16V,GP,TP,6.3X7 PCB CONTROL;CT-17M6,,245*245,A,,,K15D,4,	
4	EY819		EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			SWA01	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	EY827	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH		3	SWA02	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	EY829		EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH			SWA03	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	EY833 EL401	6042-000002 6042-000001	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH		3	SWA04 SWA05	3404-000176 3404-000176	SWITCH-TACT;12V,50MA,90-150GF, SWITCH-TACT;12V,50MA,90-150GF,	
4	EL401	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH			SWA06	3404-000176	SWITCH-TACT, 12V,50MA,90-150GF,	
4	EL801	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH			LD01	0601-000465	LED;ROUND,GRN,5mm,565	
4	EL802		EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH			RM01		MODULE REMOCON;ORC-50HF2,38KHZ,940NM,ME	S
4	GT501		PIN-GT,ASSY;1P,-,-,AUTO			CNA01		LEAD CONNECTOR-ASSY; 4P,200MM, YBNH250-04	
4	GT801 GT802		PIN-GT,ASSY;1P,-,-,AUTO PIN-GT,ASSY;1P,-,-,AUTO		3	CNA02 A/SPK		LEAD CONNECTOR-ASSY;,3P,YBNH250-03,67096 ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350	
4	GT803		PIN-GT,ASSY;1P,-,-,AUTO			SPK		SPEAKER;5W,80HM,90DB,180HZ	
4	GT804	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO			L/SPK	AA39-20505M	LEAD-CONNECTOR;SY4XREC,R700/L350	
4	GT805		PIN-GT,ASSY;1P,-,-,AUTO			CWFCL		CLAMP-WIRE;NYLON 66N,VO,NTR,15MM	
4	GT101		PIN-GT,ASSY;1P,-,-,AUTO		2	CWFCR	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M	
4	GT806 Z201		PIN-GT,ASSY;1P,-,-,AUTO FILTER-CERAMIC;BR,4.5MHz,-,-,-,TP,-						
4	R505		R-FUSIBLE(S);10HM,5%,1/2W,AF,T					ASSY COVER REAR	
4	R421		R-FUSIBLE;1.50HM,5%2WAF,TP39X10					A331 GOVEN NEAN	
4	C806	2301-001435		m	1	A/CREAR	V V d U - U \ V G G G V	ASSY COVER REAR;CL17M6MQFX,K57A	
4	CS609 CS620	2401-000480 2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M C-AL;10UF,20%,50V,GP,5X11MM,5M		'	AyGIILAII	AA30-04033A	ASST GOVERNEAN, GET/WORKERA, KS/A	
4	CS623	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M		2	CB+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
4	CS631	2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5			CB+RCA	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
4	C603	2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5			SPCBC		SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	
4	L/LINE		LABEL;LINE,ALL MDL COMMON			B/C AC+BC		CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309 CLAMP-CORD;-,PE,HB,BLK,-,-	
4	C232 RS604	2201-000262 2004-005053	C-CERAMIC,DISC;180PF,10%,50V,Y R-METAL;16.6KOHM,1%,18W,AA,TP,1.8X3	2000		INL/BACK		INLAY-BACK;21V10,PS SHEET,BLK,K15D,S/T,D	
4	C604	2301-000204	C-FILM, PEF; 2.7NF, 5%, 50V, 7.4X3.	ZIVIIVI		L/RAT	AA68-02292A	LABEL-RATING;TROJAN,ART PAPER 90,60X90mm	
. 4	CS632	2301-000204	C-FILM,PEF;2.7NF,5%,50V,7.4X3.		2	LABCRT	AA68-02908D	LABEL-POP;17,PET,105,80,S/AMERICA	
<u> </u>	CR409S	2201-000984	C-CERAMIC,DISC;680PF,10%,2KV,Y	100					
3	GT301	AA60-40012D	PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON	lbb				ASSY CPT	
			ASSY COVER FRONT		1	A /CDT	A A O 1 O C 2 O O A	A CCV CDT.CT17N4CN4OFV/VAV 17 .ONAC DADE CD	
			ASSI GOVERNITHON			A/CPT		ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD	
1	A/CFRON	Γ AA90-04589C	ASSY COVER FRONT;CT17M6MQFX/XAX		2 A 2	TAPE-DY		TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y	
	001/ 05	0000 004040	COREIN TARTITE BUIL BANK AS TROUBLES	014/0	<b>∆</b> 2	C-Y		CRT COLOR;A41QFG692X,0mG,33mm,54.8%,FLAT MAGNET-CONVERGENCE;JH291-SC-OB,29.1M	
	SPK+CF AV+CF	6003-001019 6003-001268				D-Y		DEFLECTION YOKE;DIF-1792AA,S/T,17,29.1m	
	PC+CF	6003-001268				DCOIL		COIL DEGAUSSING;17INCH,10.80mH,10%,100Ts	
	CRT+CF		SCREW-ASSY;WC,HH,+M5,L31.5,SWR	,		SPACER		SPACER-DY;-,NEOPRENE,-,BLK,VOW	
	STOPPER		STOPPER-PCB;-,ABS,HB,NTR.			A/TBC		ASSY TBC WIRE(P);-,16,NTSC,PAL,1P,-	
	F/C		ASSY COVER P-FRONT;17M6,(SAMEX),SPI			S/GUM CDCOIL		SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,GRY,T2 CLAMP-D,COIL;NYLON 66,V0,-,-,21A8,-	
	KC+CF WR+CF	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK), SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),		_	ODOOIL	AA03 00003D	OLAIVII D,OOIL,IVILOIV 00,VO, , ,21AO,	
	SPRING		SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,						
	KP		KNOB POWER;25M6,29M6,ABS,HB,G3676					ASSY BOX	
	KC		KNOB CONTROL;25M6,29M6,ABS,HB,G36					7.001 20%	
	WR		WINDOW-RMC,LED;25M6,29M6,ACRYL,H	•	1	A/BOX	ΔΔ92-07939Δ	ASSY BOX;17M6,K15D	
	CF BADGE		CABINET FRONT;17M6,(SAMEX),HIPS,HB,( BADGE-BRAND;AL,SAMSUNG,SILVER,L=5		'	, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,	HU07 .01 203W	AGG F BOX, I / MIG, KTOB	
	INL/AV		INLAY AV;PS SHEET,21D8,T0.3,-,-,-,S15A L		2	L/BOX	AA68-01542A	LABEL;(UNIBOX),PAPER WHT ALLMD	
2	DRESPK		CLAMP-WIRE;-,NYLON6.6,-,-,DATL		2	PCK	AA69-02157B	PACKING CASE;17M6(SAMEX),SW-4 A,A1,YEL,A	
	L/QMS		LABEL-QMS;ART-PAPER(90)G,110x24mm						
	A/A-V		ASSY PCB P-A/V SIDE;TXN1634FX,K15D	7000 0				ACCV D/MATEDIAL	
	CN705A JE601		LEAD-CONNECTOR, ASSY;-, YBNH025-12,6: JACK-PHONE;1P,3.4MM,-, MBAG	/ U9b-U				ASSY P/MATERIAL	
3	JR01		JACK-FRONE, 17,3.4WW,-,WBAG JACK-RCA;3P,3.6MM,#18,AU		4	A /D1 4 4 7 5	D 4400 077044	A COV D/A AATEDIAL 47A AC	
	RE01		R-CARBON(S);1500HM,5%,1/2W,AA,		1	A/PMAſE	н АА92-0//34А	ASSY P/MATERIAL;17M6	
3	RE02		R-CARBON(S);1500HM,5%,1/2W,AA,		2	BXTAPE	0203-001295	TAPE-OPP MASKING;1242,T0.06,W100,L91.4M,	
	CE01	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M C-AL;10UF,20%,50V,GP,5X11MM,5M		2	STAPLE		PIN-STAPLE;-,-,-,H18,33X17.8X2	
	CE02 00VER		PCB-SIDE A/V;CT21D8,FR-1,1L,A,1.6T,245x	2		C/SET		CUSHION-SET;17M6(SAMEX),PS FOAMED,C=0.02	
•		. 2311.11	, , ,		2	PE-BAG	AA69-U1208A	BAG;SHEET,19-20,W42,L50,FOAM,0EM	

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### **ASSY ACCESSORY**

1	A/ACCS	AA92-07935A	ASSY ACCESSORY;CL17M6MQFX/XAP,K15D
_	AC-TAPE	0203-001279	TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y
2	RMT	AA59-00108C	REMOCON;DP,TM59,AA59-00077C,21,STR
2	I/B	AA68-02848A	MANUAL USERS;K15D,SPA,W/P100(G)
2	I/B2	AA68-02849A	MANUAL USERS;K15D,ENG,W/P100(G)
2	W/CARD	AA68-00987A	CARD WARRANTY;W/P100,A4,1P,SELA
2	BAG-PE	AA69-01195A	BAG PE;CL29A6W8X,HDPET0.012,93/4X151
2	T/MATCH	AA26-90001F	TRANS-MATCHING;-,3000HM/750HM,NTSC,40-89
2	A/ROD	AA42-00004A	ANT ROD;VHF,4SD0DIPOLE850MMBRN
2	BATT	4301-000120	BATTERY-MN;1.5V,-,AA
2	PLUG	3721-000136	PLUG-CONVERSION;15A300VPI4.0CP

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# 7-2 CL17M6MQFX/RCL

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
		ASSY CHASSIS		△4 D804 4 T0083	0401-000006 0402-000132	DIODE-SWITCHING;BAV21,250MA,400M DIODE-RECTIFIER;1N4004,400V,1A,D0-41	
1 M0017	AA91-06490A	ASSY CHASSIS;17M6,K15D,LATIN	S.N.A	4 T0083	0402-000132 0402-000254	DIODE-RECTIFIER; RGP10J, 600V, 1A, DO-41	
2 FBT	AA65-30018A	CLAMP-WIRE;-,NYLON6.6,-,-,DATL	S.N.A	4 T0083 4 T0083	0402-000534 0402-001105	DIODE-RECTIFIER;RG10V,400V,1.5 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A	١ ـ
		CLAMP-WIRE;-,NYLON6.6,-,-,DATL	S.N.A	4 T0083	0402-001105	DIODE-RECTIFIER; ERB43-04SV1,400V,1.0A	
2 T0073		ASSY PCB MAIN;17M6,K15D,LATIN		4 T0083	0402-001105		
3 T0090 3 IC112	0502-001115 1103-001209	TR-POWER;KSC5386,NPN,50W,TO-3PF,ST,8 IC-EEPROM;AT24C04-PC27 C,512Kx8Bit,DIP,8		4 T0083	0402-001105	DIODE-RECTIFIER; ERB43-04SV1, 400V, 1.0A	
3 ICS602	1203-001209	IC-POSI.FIXEDREG.;78R09,TO-220,4P,-,PLA		4 T0083	0402-001105	DIODE-RECTIFIER; ERB43-04SV1,400V,1.0A	
△3 NT801S		THERMISTOR NTC;4.70HM,15%,2900K,35.0f	MW,T	4 T0083 4 T0083	0402-001105 0402-001105	DIODE-RECTIFIER; ERB43-04SV1,400V,1.0A DIODE-RECTIFIER; ERB43-04SV1,400V,1.0A	
3 P803T	1404-001265	THERMISTOR-PTC;4.50HM/1000HM,+30/-20		4 T0083	0402-001103		
△3 CY801S		C-CERAMIC,AC;CK45PE400V332-M(T		4 T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DC	
△13 CR401S 3 C701		C-FILM,MPE-PPF;4.3nF,5%,1.6kV,TP,28.5x16		4 T0083	0402-001111		
3 C701 △3 CR402S	2401-002219	C-AL;220UF,20%,400V,-,25X40,10MM,ST C-FILM,MPPF;220NF,5%,400V,TP,26X17X9,20i	m	4 T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO	
△3 SF101S	2904-001221	FILTER-SAW AV,45.75MHz,SIP5K,ST,14.2dB,N		4 T0083 4 DZ016	0402-001443 0403-000508	DIODE-RECTIFIER; EGP20K, 800V, 2A, DO-15 DIODE-ZENER; MTZJ5.6B, 5.6V, 5.45-5.73V,	
△3 FP801S	3601-001012	FUSE-FERRULE;250V,4A,SLOW-BLOW		4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,	
△3 V999S	3704-001105	SOCKET-CRT;11P,20PI,26.5PI,NI,-		4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,	
3 CN902	3711-002642	POST-HEADER;67094-003(AUTO)		4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,	500
3 CN604 3 CN906	3711-002643 3711-003043	POST-HEADER; YW025-04(AUTO) CONNECTOR-HEADER; BOX, 4P, 1R, 2.5mm, STR	ΔIGH	4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,	
3 JA701	3722-001962	JACK-PIN;6P(6P),-,NI,YL/WH/RD/GN/BL/RD,-		4 DZ803 4 DZ016	0403-001039 0403-000700	DIODE ZENER;MA2560,56V,52-60V,1W,DC DIODE-ZENER;TZP33A,33V,31-35V,	J-41,I
3 T0119		IC MICOM;TDA9377PS/N2/AI,TXM1967,64P,		4 DZ016	0403-000700	DIODE-ZENER; TZP33A,33V,31-35V,	
⚠3 T801S		TRANS-SWITCHING;EER3543,K15D,90~264,P	M2A	4 DZ016	0403-000719	DIODE-ZENER;MTZJ7.5B,7.5V,7.07-7.45V,	500
∴3 T444S		TRANS FBT;-,FSV-14A004C(S),14-22,125V		4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	500
△3 T401	AAZ6-50001B	ORIZ.DRIVE;-,7.1MH,102UH,10-2 COIL LINEARITY;90UH,90UH,L81 DR10x10,7.5		4 DZ016		DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
△3 LX801S	AA29-30001D	FILTER-LINE;-,6.0MH,2A,-,SQ191	,	4 DZ016 4 DZ016	0403-000720 0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
3 CN501		LEADCONNECTOR-ASSY;-,YBNH025-09,S,9P,	30	4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V, DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
		LEAD-CONNECTOR,ASSY;,YFH800-01,S,1P,30		4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
△3 TU01S		TUNER-TECC1040PG32A(S),181CH,45.75MHZ		4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
3 IC301 4	0205-000129	ASSY H/S;-,-,AA62-00046A,LA7840,- GREASE-SILICON;SC102,JAPAN	S.N.A S.N.A	4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
4 T0088	1204-001483	IC-VERTICAL PROCESSO;LA7840,SIP,7P,708M		4 DZ016 4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
4 T0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SW		4 DZ016	0403-000720 0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V, DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
4		HEAT SINK-PS;-,-,T1.0,-,D1(DREAM) 60X25X	S.N.A	4 DZ016		DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,	
3 IC601	AA96-00244B		S.N.A	4 DZ016	0403-001140	DIODE-ZENER;RD10ESAB-T4,10V,9.19-10.	
4 4 IC602	0205-000129 1201-001308	GREASE-SILICON;SC102,JAPAN IC-POWERAMP;7266,ZIP,15P,-,DUAL,26dB,PL	S.N.A	4 DZ016	0403-001211		
4 T0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SW	/R S.N.A	4 DZ016 4 DZ016	0403-001221 0403-001318	DIODE-ZENER;UZ39BSB,35.36-37.19V,500 DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500m	
4		HEAT SINK-PS;-,-,T1.0,-,D1(DREAM) 60X25X	S.N.A	4 DZ016	0403-001378	DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500	
⚠3 IC802		ASSY H/S;-,-,AA62-00055A,KA7632,-	S.N.A	4 DZ016	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500	
4 T0087	1203-001939	IC-POSI.FIXED REG.;7632,SIP,10P,-,PLASTI		4 DZ016	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500	DmW,D
4 T0081 4	6003-000334 ΔΔ62-00055Δ	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP HEAT SINK-PS;-,-,T1.0,-,35*15*25,D1,-,-,	S.N.A	4 DZ016	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500	DmW,D
3 IC501		ASSY-H/S;-,VIDEO,AA62-30175D,TDA6107Q,		4 Q201 4 Q901	0501-000283 0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM TRANSISTOR;KSA539-Y(TAPG)/YTAM	
4 IC905	1201-001159	ICVIDEOAMP;TDA6107Q,ZIP,9P,300		4 Q402	0501-000263	TRANSISTOR; KSC2331-Y(TAPG)	
4 T0081		SCREW-TAPTITE;RH,+,2S,M3,L6,ZP		4 0202	0501-002183	TR-SMALL SIG;KTC9014,NPN,625MW,TO	-92,100
4 		HEATSINK-PS;-,SECC,T1.0,-,33X15X30FT-2	S.N.A	4 Q601	0501-002183	TR-SMALL SIG;KTC9014,NPN,625MW,TO	-92,100
4	0205-000129	ASSY H/S;,POWER,AA62-00112A,5Q0765RT; GREASE-SILICON;SC102,JAPAN	TR S.N.A S.N.A	4 R125	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,	
4 T0086	1203-001932	IC-PWM CONTROLLER;5Q0765,TO-220F,5P,18		4 R125 4 R125	2001-000007 2001-000010	R-CARBON;3KOHM,5%,1/8W,AA,TP,1 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3	3.2mm
4 T0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SW	/R S.N.A	4 R125	2001-000010	R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3	
4		HEAT SINK;TROJAN,AL1050 ,T2.0,W54.0,H40		4 R125	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP,	
∴3 T0066		ASSY POWER CORD; ,CP2/NO,H/C200,KKP41	19C, S.N.A	4 R125	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP,	
4 T0077 4		POWER-CORD;-,KKP419C,KLCE-2F,2.286MT HOLDER P CORD;PP,VO,BLK,KE-002	S.N.A	4 R301	2001-000016		
△3 D806		ASSY H/S;-,BRIDGE,AA62-00045A,D06U20S,		4 R843 4 R409	2001-000019 2001-000022	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4; R-CARBON(S);330HM,5%,1/2W,AA,T	Xb.4M
4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A	4 R823	2001-000022	R-CARBON(S);3300HM,5%,1/2W,AA,	
4 DZ016	0402-001374	DIODE-RECTIFIERSDS60U20S,200V,6A,TO-22		4 R808	2001-001138	R-CARBON(S);3900HM,5%,1/2W,AA,	
4 T0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SW HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,	/R S.N.A S.N.A	4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
4 3	0202-00043A	SOLDER-WIREFLUX;-,RS60S,D1.2,6	S.N.A S.N.A	4 R125 4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
3 ICS601	1204-001974	IC-SOUND PROCESSOR, UPC1851BCU, SDIP, 42		4 R125	2001-000281 2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP, R-CARBON;1000HM,5%,1/8W,AA,TP,	
3 CN906	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.		4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
3 X901	2801-004033	CRYSTAL-UNIT;12MHZ,30PPM,28-AAM,30PF,		4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
3 A/AUTO 4 D201	AA9/-14113A 0401-000005	ASSY AUTO;CT17M6MQFX,K15D DIODE;1N4148,100V,300mA,1V,8nS,TAPING	S.N.A	4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
4 D201	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
△4 D811	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4 R125 4 R125	2001-000281 2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP, R-CARBON;1000HM,5%,1/8W,AA,TP,	
△4 D803	0401-000006	DIODE-SWITCHING;BAV21,250MA,400MW,5	0NS,2	4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	

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A FIG.   2010.0008   R-CARREN (DOMAN P.   A FIG.   2010.0007   A FIG.   2010.0008   R-CARREN (DOMAN P.   A FIG.	Loc. No.	Code No.	Description ; Specification Re	emark	Loc. No.	Code No.	Description ; Specification	Remark
- AF152 2010-00029   C-ARRIVAN DIRECTORY STATE   AF152 2010-00029   C-AR								
								9
A REC. 2010 100228   A CARRONN TOOLMASS, 16W AA TP   A REC. 2010 100229   A CARRONN TOOLMASS, 16W AA TP   A CARRO								
A REV   2005-00078   A CARRENT COMMAN S., RAWAA TP   A REV   2004-00140   A REV   2005-00078   A REV   2005-0007								
							R-METAL(S);6.8KOHM,1%,1/2W,AA,	
AR192 2010-00025 R-ARBORIS (COMMASS, 19WAAT) - AR192 2018-00026 R-ARBORIS (COMMASS, 20WAET) - AR192 2018-00026 R-ARBORIS (COMMASS, 19WAAT) - AR192 2019-00026 R-ARBORIS (COMMASS, 19WAAT) - AR192 2019-00027 R-ARBORIS (COMMASS, 19WAAT) - AR192 2019-00028 R-ARB								n
ARIES 2010-000250 R-CARBONI (NORMAS), 199/AAT P. 4802 2018-000254 R-USBESSION (NORMAS), 199/AAT P. 4802 2018-000254 R-USBESSION (NORMAS), 199/AAT P. 4802 2018-000261 R-USBESSION (NORMAS), 199/AAT P. 4802 2018-000261 R-USBESSION (NORMAS), 199/AAT P. 4802 2018-00027 R-USBESSION (NORMAS), 199/AAT P. 4802 2018-00027 R-USBESSION (NORMAS), 199/AAT P. 4802 2018-00027 R-USBESSION (NORMAS), 199/AAT P. 4802 2019-00027 C-USBASSION (NORMAS), 199/AAT P. 1802 2019-00027 C-USBASSION (N								
## AR125 2010-100250 R-CARRON (ISOCHANS, 1) SWAATE								
## AFF22 201 - 000259   CARRON TROCHINAS N, TOWNAATE   ## AFF22 2008 - 001011   FRUSHERS SIDE TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN								1
## AR125 2011-000259 R-CARREDN TOOM-MAS 1, 19 WAA 17 P. 4.9586 2011-00037 C-CEPAMIC DISCOUNTS PARKED TOOM-MAS 1, 19 WAA 17 P. 4.9586 2011-00037 C-CEPAMIC DISCOUNTS PARKED TOOM-MAS 1, 19 WAA 17 P. 4.9586 2011-00037 C-CEPAMIC DISCOUNTS PARKED TO TOOM 1, 10 CARRED MISCOUNTS PARKED TO TOO TOO TOO TO TOO TOO TOO TOO TOO								
## AF 25 2011-00357   C-CFRAMIC DISCOVER 10% SULVY   ## R125 2001-004028   C-ARBON INCOMES S. 1,899/A-A TP 1 ad 2mm								
## 41725 2001-000047								Л,
## 4125 2001-000229								
## A R175								
## #125								
AR125								
4R125 2001-000739 R-CABBON,47MOHM,5%,178WAA,TP 4.1019 2301-000224 C-FILM,PEF220NE5%,550/21,5X 4R125 2001-000786 R-CABBON,47KOHM,5%,178WAA,TP 4.1019 2301-000224 C-FILM,PEF22NE5%,550/21,4X3.9 4R125 2001-000800 R-CABBON,47KOHM,5%,178WAA,TP 4.1019 2301-000224 C-FILM,PEF22NE5%,550/2,4X3.9 4R125 2001-000800 R-CABBON,51KOHM,5%,178WAA,TP 4.1029 2301-000224 C-FILM,PEF22NE5%,50/2,7X3.9 4R125 2001-000800 R-CABBON,51KOHM,5%,178WAA,TP 4.1029 2301-000224 C-FILM,PEF22NE5%,50/2,7X3.9 4R125 2001-000809 R-CABBON,52KOHM,5%,178WAA,TP 4.1027 2301-000340 C-FILM,PEF3.8NE5%,50V,7EX.3X5.5MM,5MM 4R125 2001-000909 R-CABBON,52KOHM,5%,178WAA,TP 4.1029 2301-000342 C-FILM,PEF2.2NE5%,50V,TP,4x3.9x13mm, 4R125 2001-000924 R-CABBON,52KOHM,5%,178WAA,TP 4.1029 2301-000342 C-FILM,PEF2.2NE5%,50V,TP,4x3.9x13mm, 4R125 2001-000924 R-CABBON,51KOHM,5%,178WAA,TP 4.1029 2301-000342 C-FILM,PEF2.2NE5%,50V,TP,5x3.0x15mm, 4R125 2001-000947 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2301-000340 C-FILM,PEF2.2NE5%,50V,TP,5x5.7x3mm,5mm 4R125 2001-000947 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2301-000340 C-FILM,PEF2.7NE5%,50V,TP,5x7.3mm,5mm 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2301-000340 C-FILM,PEF2.7NE5%,50V,TP,5x7.3mm,5mm 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2301-000440 C-FILM,PEF2.2NE5%,50V,TP,5x7.3mm,5mm 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2301-000440 C-FILM,PEF2.2NE5%,50V,TP,5x7.3mm,5mm 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2301-000450 C-FILM,MPE7.20NE5%,63V,5MM 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2305-000289 C-FILM,MPE7.20NE5%,63V,5MM 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2305-000289 C-FILM,MPE7.20NE5%,63V,5MM 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2305-000289 C-FILM,MPE7.20NE5%,63V,5MM 4R125 2001-000969 R-CABBON,75KOHM,5%,178WAA,TP 4.1029 2305-000685 C-FILM,MPE7.20NE5%,63V,5MM 4R125 2001-00069 R-CA								P
4 R125   2001-000280   R-CABBON47K0HM,5%,178W,AA,TP								
4 R125 2001-000980 R-CARBON,5 1KOHM,5% 1/8WAA,TP 4 C327 2301-000301 C-FLIM,PFE;3BNFS%,5DV,TSX3,SX6,SMM,SMM 4 R125 2001-000980 R-CARBON,52Kohm,5%,1/8W,AA,TP1,8x3,2mm 4 C227 2301-000304 C-FLIM,PFE;3BNFS%,5DV,TSX3,SX6,SMM,SMM 4 R125 2001-000980 R-CARBON,52Kohm,5%,1/8W,AA,TP1,8x3,2mm 4 C234 2301-000342 C-FILM,PFE;2,2nF,5%,5DV,TP7,4x3,9x13mm, 4 R125 2001-000994 R-CARBON,52Kohm,5%,1/8W,AA,TP1,8x3,2mm 4 C305 2301-000342 C-FILM,PFE;2,2nF,5%,5DV,TP7,4x3,9x13mm, 4 R125 2001-000947 R-CARBON,55KOHM,5%,1/8W,AA,TP1,8x3,2mm 4 C305 2301-000356 C-FILM,PFE;2,2nF,5%,5DV,TP7,4x3,9x13mm, 4 R125 2001-000947 R-CARBON,75KOHM,5%,1/8W,AA,TP 4 C307 2301-000382 C-FILM,PFE;2,2nF,5%,5DV,TP5,4x3,0x15mm, 4 R125 2001-000989 R-CARBON,75KOHM,5%,1/8W,AA,TP1 4 C307 2301-000383 C-FILM,PFE;10,F5%,5DV,TP5,5x3,2mm,5mm 4 R125 2001-000989 R-CARBON,75CHM,5%,1/8W,AA,TP1 4 C312 2301-000565 C-FILM,PFP;47nF5,5%,5DV,TP1,9 4 C312 2301-000565 C-FILM,PFP;47nF5,563,0V,TP1,9 4 R125 2001-000989 R-CARBON,75CHM,5%,1/8W,AA,TP1 4 C312 2305-000289 C-FILM,MPF;47NF5,5630V,TP1,9 4 C312 2305-000289 C-FILM,MPF;22NF5,583V,5MM 4 R125 2001-000999 R-CARBON,510M,5%,1/8W,AA,TP1 4 C312 2305-000289 C-FILM,MPF;22NF5,583V,5MM 4 R125 2001-000999 R-CARBON,510M,5%,1/8W,AA,TP1 4 C312 2305-000289 C-FILM,MPF;22NF5,583V,5MM 4 R304 2001-001037 R-CARBON,510M,5%,1/8W,AA,TP1 4 C312 2305-000289 C-FILM,MPF;22NF5,583V,5MM 4 R304 2001-001037 R-CARBON,510M,5%,1/8W,AA,TP3,A 4 C235 2305-000289 C-FILM,MPF;22NF5,583V,5MM 4 R304 2001-001037 R-CARBON,510M,5%,1/2W,AA 4 C325 2305-000289 C-FILM,MPF;22NF5,583V,5MM 4 R304 2001-001037 R-CARBON,510M,5%,1/2W,AA 4 C326 2305-000685 C								
4 R125 2001-00098								M
								•••
		2001-000908	R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4 C217	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm,	
4 R125         2001-000947         R-CARBON,7 5KOHM,5% 1/8W,AA,TP         4 C407         2301-000386         C-FILM,PEF,47n,F5%,50V,TP,5x4 0x,6,5,5m           4 R125         2001-000947         R-CARBON,7 5KOHM,5% 1/8W,AA,TP         4 C407         2301-000383         C-FILM,PEF,10n,F5%,50V,TP,6x7x3,2mm,5mm           4 R125         2001-000969         R-CARBON,75CHM,5% 1/8W,AA,TP1         4 C420         2301-000445         C-FILM,PEF,47n,F5%,50V,TP,5x7x3,2mm,5mm           4 R125         2001-000969         R-CARBON,75OHM,5% 1/8W,AA,TP1         4 C312         2305-000148         C-FILM,PEF,47n,F5%,50V,TP,5x7x3,2mm,5mm           4 R125         2001-000969         R-CARBON,75OHM,5% 1/8W,AA,TP,1         4 C312         2305-000186         C-FILM,MPEF,220N,F5%,60V,-5MM           4 R125         2001-000969         R-CARBON,75OHM,5% 1/8W,AA,TP,1         4 C215         2305-000288         C-FILM,MPEF,220N,F5%,63V,-5MM           4 R125         2001-000969         R-CARBON,75OHM,5% 1/8W,AA,TP,1         4 C216         2305-000289         C-FILM,MPEF,220N,F5%,63V,-5MM           4 R126         2001-000969         R-CARBON,75OHM,5% 1/8W,AA,TP,1         4 C216         2305-000289         C-FILM,MPEF,220N,F5%,63V,-5MM           4 R412         2001-001087         R-CARBON,50HM,5% 1/2W,AA         4 C233         2305-000289         C-FILM,MPEF,220N,F5%,63V,-5MM           4 R412 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
4 R125								
4 R125         2001-000949         R-CARBON/7.50HM,5%,1/8W,AA,TP        4 C248         2301-000445         C-FILM,PFF.4,7n.F5%,50V,TP.5.5x7x3mm,5mm          4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP.1        4 C312         2305-000149         C-FILM,MPFF.47NF,55,630V,TP.15          4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP.1        4 C312         2305-000285         C-FILM,MPFF,220NF,5%,63V,5MM          4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP.1        4 C216         2305-000289         C-FILM,MPEF;220NF,5%,63V,5MM          4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP.1        4 C216         2305-000289         C-FILM,MPEF;220NF,5%,63V,5MM          4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP.1        4 C216         2305-000289         C-FILM,MPEF;220NF,5%,63V,5MM          4 R408         2001-001062         R-CARBON,50,390HM,5%,1/2W,AA        4 C235         2305-000289         C-FILM,MPEF;220NF,5%,63V,5MM          4 R411         2001-001108         R-CARBON,50,300HM,5%,1/2W,AA        4 C236         2305-000289         C-FILM,MPEF;220NF,5%,63V,5MM          4 R405         2001-001114         R-CARBON,50,22KOHM,5%,1/2W,AA        4 C598         2201-000441         C-FILM,MPEF;220NF,5%,63V,5MM								
4 R125         201-00069         R-CARBON,750HM,5%,1/8W,AA,TP;         4 C322         2301-001065         C-FILM,MPPF-47NF55,630V,TP;19           4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP;1         4 C301         2305-000285         C-FILM,MPEF;22DNF5%,100V,5M           4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP;1         4 C215         2305-000289         C-FILM,MPEF;22DNF5%,63V,5MM           4 R125         2001-000969         R-CARBON,750HM,5%,1/8W,AA,TP;1         4 C215         2305-000289         C-FILM,MPEF;22DNF5%,63V,5MM           4 R125         2001-000369         R-CARBON,750HM,5%,1/8W,AA,TP;1         4 C215         2305-000289         C-FILM,MPEF;22DNF5%,63V,5MM           4 R408         2001-001037         R-CARBON,550HM,5%,1/2W,AA         4 C235         2305-000289         C-FILM,MPEF;22DNF5%,63V,5MM           4 R504         2001-001062         R-CARBON(S):00000,5%,1/2W,AA         4 C235         2305-000289         C-FILM,MPEF;22DNF5%,63V,5MM           4 R840         2001-001108         R-CARBON(S):1000MM,5%,1/2W,AA         4 C598         2201-00041         C-CERAMIC,DISC,3.3nF;10%,500V,5MT           4 R810         2001-001119         R-CARBON(S):200HM,5%,1/2W,AA         4 C598         2201-00041         C-FILM,MPEF;22DNF5%,63V,5MM <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
4 R125         2001-000969         R-CARBON;750HM,5%1,78W,AA,TP:1         4 C301         2305-000285         C-FILM,MPEF;220NF;5%,60V;5MM           4 R125         2001-000969         R-CARBON;750HM,5%1,78W,AA,TP:1         4 C216         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R125         2001-000969         R-CARBON;750HM,5%1,78W,AA,TP:1         4 C233         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R408         2001-001037         R-CARBON(S):0390HM,5%,1/2W,AA         4 C205         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R504         2001-001037         R-CARBON(S):10MOHM,5%,1/2W,AA         4 C205         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R504         2001-0010078         R-CARBON(S):10MOHM,5%,1/2W,AA         4 C205         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R840         2001-001108         R-CARBON(S):2WAA         4 C205         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R840         2001-001108         R-CARBON(S):1XMAA         4 C235         2305-000289         C-FILM,MPEF;220NF;5%,63V;5MM           4 R810         2001-0011108         R-CARBON(S):1XMAA         4 C598         2201-000441         C-CERAMIC,DISC;3:3n;F10%,50V;5MM           4 R810         2001-001150         R-CARBON(S):2YOOHM,5%,1/2WAA								
4 R408								
4 R414 2001-001078 R-CARBON(S);15K0HM,5%,1/2W,AA,								
4 R840 2001-001108 R-CARBON(S);22KOHM,5%,1/2W,AA,								
4 R411 2001-001114 R-CARBON(S);2700HM,5%,1/2W,AA,								
4 R809 2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA4 C103 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R810 2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA4 C207 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R8405 2001-001187 R-CARBON(S);750HM,5%,1/2W,AA,T4 C208 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R831 2001-001045 R-CARBON(S);1.2KOHM,5%,1/2W,AB4 C210 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R501H 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.74 C218 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R502H 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.74 C222 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R803 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.74 C230 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R803 2002-001013 R-COMPOSITION;1.8KOHM,5%,1/2W,AA,TP3.7X4 C803 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R8402 2003-002178 R-METAL OXIDE(S) 1Kohm,5%,2W,AF,TP,3.9X14 C819 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R8413 2003-001093 R-METAL OXIDE(S);330HM,5%,2W,AF,TP,4X12M4 C819 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R847 2003-000698 R-METAL OXIDE(S);330HM,5%,2W,AF,TP,4X12M4 C803 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R847 2003-000998 R-METAL OXIDE(S);37Kohm,5%,2W,AF,TP,3.9X14 C800 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R847 2003-000998 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9X14 C800 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R8484 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9X14 C800 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R834 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9X14 C800 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R83								
4 R810 2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA,T			* **					
4 R405 2001-001187 R-CARBON(S);750HM,5%,1/2W,AA,T4 C208 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R831 2001-001045 R-CARBON(S);1.2KOHM,5%,1/2W,AB4 C210 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R501 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.74 C218 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R503 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.74 C222 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R7801 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.74 C230 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R7801 2003-00103 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP3.7X4 C803 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R402 2003-002178 R-METAL OXIDE(S) 1Kohm,5%,2W,AG,TP3.9X14 C819 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R403 2003-001093 R-METAL OXIDE(S);330HM,5%,2W,AF,TP,4X12M4 C819 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R827 2003-000998 R-METALOXIDE(S);330HM,5%,2W,AF,TP4 C802 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R827 2003-001093 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP4 C802 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R834 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x14 C802 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R834 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x14 C808 2305-000665 C-FILM;104J, 60V,5MM TAPING								
4 R501H 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.74 C218 2305-000665 C-FILM;104J, 60V,5MM TAPING 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.74 C222 2305-000665 C-FILM;104J, 60V,5MM TAPING 2305-000665 C-FILM;104J,	4 R405	2001-001187	R-CARBON(S);750HM,5%,1/2W,AA,T		4 C208	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4 R502H 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.74 C222 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R78018 2002-001013 R-COMPOSITION;1.8KOHM,5%,1/2W,AA,TP,3.7X4 C230 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R402 2003-002178 R-METAL OXIDE(S) 1Kohm,5%,2W,AG,TP,3.9X14 C803 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R413 2003-000664 R-METAL OXIDE(S),330HM,5%,2W,AF,TP,3.9X14 C819 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R403 2003-001093 R-METAL OXIDE(S),330HM,5%,2W,AF,TP,4X12M4 C910 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R827 2003-00098 R-METALOXIDE;3000HM,5%,2W,AF,TT4 CS602 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R8407 2003-001040 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 CS608 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R834 2003-001040 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 CS608 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R834 2003-001040 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 CS608 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R835 2003-000009 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 C225 2309-000138 C-FILM;104J, 60V,5MM TAPING4 R836 2003-000009 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 C225 2309-000138 C-FILM;104J, 60V,5MM TAPING4 R837 2003-000009 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 C225 2309-000138 C-FILM;104J, 60V,5MM TAPING4 R837 2003-000009 R-METALOXIDE(S),47Kohm,5%,2W,AF,TP,3.9X14 C225 2309-000138 C-FILM;104J,60V,5MM,5MM,5MM,5MM,5MM,5MM,5MM,5MM,5MM,5M								
4 R78013 2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.7								
4 R402 2003-002178 R-METAL OXIDE(S) 1Kohm,5%,2W,AG,TP,3.9X14 C819 2305-000665 C-FILM;104J, 60V,5MM TAPING 2003-000664 R-METAL OXIDE(S);330HM,5%,2W,AF,TP,4X12M4 C913 2305-000665 C-FILM;104J, 60V,5MM TAPING 2305-000665 C-FILM;104J, 60								
4 R413 2003-000664 R-METAL OXIDE(S);330HM,5%,2W,AF,TP,4X12M4 C913 2305-000665 C-FILM;104J, 60V,5MM TAPING 2003-001093 R-METALOXIDE;BS2BT123-J12K4 C920 2305-000665 C-FILM;104J, 60V,5MM TAPING 2305-0000665 C-FILM;104J, 60V,5MM TAPING 2305-0000665 C-FILM;104J, 60V,5MM TAPING								
4 R827 2003-000998 R-METALOXIDE;3000HM,5%,2W,AF,T4 CS602 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R8407 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP;3.9x14 CS608 2305-000665 C-FILM;104J, 60V,5MM TAPING4 R834 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP;3.9x14 C225 2309-000138 C-FILM,PE-PPF;100NF,5%,50V,TP,4 R315 2003-002009 R-METALOXIDE(S);3900HM,5%,2W,A4 C701 2401-000262 C-AL;100UF,20%,160V,GP;16X25MM,5MM,					4 C913			
4 R407 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x14 CS608 2305-000665 C-FILM;104J, 60V,5MM TAPING 4 R314 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x14 C225 2309-000138 C-FILM,PE-PPF;100NF,5%,50V,TP, 4 R315 2003-002009 R-METALOXIDE(S);3900HM,5%,2W,A4 C701 2401-000262 C-AL;100UF,20%,160V,GP,16X25MM,5MM,								
4 R834 2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x14 C225 2309-000138 C-FILM,PE-PPF;100NF,5%,50V,TP,4 R315 2003-002009 R-METALOXIDE(S);3900HM,5%,2W,A4 C701 2401-000262 C-AL;100UF,20%,160V,GP,16X25MM,5MM,								
4 R315 2003-002009 R-METALOXIDE(S);3900HM,5%,2W,A4 C701 2401-000262 C-AL;100UF,20%,160V,GP,16X25MM,5MM,								

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Loc. No.	Code No.	Description ; Specification Rema	ark	Loc. No.	Code No. D	escription ; Specification	Remark
4 C701	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5		4 EY401	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5		4 EY402	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701 4 C701	2401-000302 2401-000360	C-AL;100UF,20%,25V,GP,6X11MM,5 C-AL;100UF,20%,50V,GP,8X11MM,5		4 EY403 4 EY404	6042-000002 6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A S.N.A
4 C701	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5		4 EY405	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C506	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10		4 EY414	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701	2401-000560	C-AL;1UF,20%,160V,GP,GT,6.3,11MM		4 EY415	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701 4 C701	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 EY416	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701	2401-000603 2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 EY417 4 EY418	6042-000002 6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A S.N.A
4 C701	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 EY419	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 EY420	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 EY421	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 C701 4 C701	2401-000603 2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM C-AL;1UF,20%,50V,GP,5X11MM,5MM		4 EY501 4 EY819	6042-000002 6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A S.N.A
4 C701	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 E1619	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
4 CS605	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 EY829	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 CS622	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 EY833	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	S.N.A
4 CS625	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 EL401	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	S.N.A
4 C280 4 C815	2401-000660 2401-000703	C-ELECTROLYTIC;CE04WTAPG50V2.2		4 EL402 4 EL801	6042-000001 6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	S.N.A S.N.A
4 C701	2401-000703	C-ELEC;CE04-40/8525VT222-MWSD C-AL;22UF,20%,250V,GP,13X20MM,		4 EL802	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	S.N.A
4 C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5		4 GT501		PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
4 C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5		4 GT801		PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
4 C701	2401-001026	C-AL;3.3UF,20%,50V,GP,5X11MM,5		4 GT802		PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
4 C701 4 C701	2401-001192 2401-001232	C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP C-AL;4.7UF,20%,250V,GP,10X12.5		4 GT803 4 GT804		PIN-GT,ASSY;1P,-,-,AUTO PIN-GT,ASSY;1P,-,-,AUTO	S.N.A S.N.A
4 C761	2401-001232	C-ALUMINUM;470NF,20%,50V,GP,5*11MM,2MM,T		4 GT805		PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
4 C701	2401-001397	C-AL;470UF,20%,25V,GP,10X16MM,		4 GT101		PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
4 C306	2401-002288	C-ELEC;CE04-55/10525VT471-MWRG		4 GT806	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
4 C209	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 Z201	2903-000129	FILTER-CERAMIC;BR,4.5MHz,-,-,-,TP,-	
4 C213 4 C229	2401-000025 2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5 C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 R505 4 R421	2008-000206 2008-001015	R-FUSIBLE(S);10HM,5%,1/2W,AF,T R-FUSIBLE;1.50HM,5%2WAF,TP39X10	
4 C903	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 C806	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm	
4 C910	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5		4 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
4 C701	2401-001998	C-AL;1000UF,20%,25V,GP,TP,10X20		4 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
4 C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
4 C701 4 C701	2401-002075 2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 C701 4 C701	2401-001914 2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5 C-AL;1uF,20%,50V,BP,TP,5x11,5	
4 C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4 C598	2201-000262	C-CERAMIC,DISC;180PF,10%,50V,Y	
4 C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5		4 RS604	2004-005053	R-METAL;16.6KOHM,1%,18W,AA,TP,1.8X3.2MN	Л
4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 C604	2301-000204	C-FILM,PEF;2.7NF,5%,50V,7.4X3.	
4 C701 4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 CS632 4 C598	2301-000204 2201-000984	C-FILM, PEF; 2.7NF, 5%, 50V, 7.4X3.	
4 C701	2401-000050 2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4 C596 3 GT301		C-CERAMIC,DISC;680PF,10%,2KV,Y PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	S.N.A
4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5		0.001	70.00 .00.22		0
4 C701	2401-002290	C-AL;47uF,20%,160V,GP,TP,13x20,5					
4 C701	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5				ASSY COVER FRONT	
4 C701 4 C701	2401-002619 2401-003028	C-AL;47uF,20%,25V,GP,TP,5x11,5 C-AL;100UF,20%,25V,WT,TP,6.3X1					
4 L103	2701-003020	INDUCTOR-AXIAL;10UH,10%,2.5X3.		1 M0001	AA90-04589C	ASSY COVER FRONT;CT17M6MQFX/XAX	S.N.A
4 L202	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.					
4 L903	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.		2 T0081 2 T0081	6003-001019 6003-001268	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	
4 R101	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3. INDUCTOR-AXIAL;10UH,10%,2.5X3.		2 T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	
4 R102 4 L203	2701-000114 2701-000127	INDUCTOR-AXIAL;100H,10%,2.5X3. INDUCTOR-AXIAL;15UH,10%,2.5X3.		2 SC016		SCREW-ASSY;WC,HH,+M5,L31.5,SWR	S.N.A
4 L301	2701-000127	INDUCTOR-AXIAL;10H,10%,2.5X3.4		2 STOPPE	AA61-40113A	STOPPER-PCB;-,ABS,HB,NTR.	S.N.A
4 L302	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4		2 T0003	AA96-01488B		S
4 L404	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4		3 T0081 3 T0081	6003-001019 6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
4 L102	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm INDUCTORAXIAL;22uH,10%,4.2x9.8mm		3 CIS7		SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	S.N.A
4 L201 4 L230	2701-000159 2701-000159	INDUCTORAXIAL,22uH,10%,4.2x9.8mm		3 T0023		KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM	
4 L405	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm		3 T0022	AA64-02102C	KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SV	/M3
4 L902	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		3 CIS		WINDOW-RMC, LED; 25M6, 29M6, ACRYL, HB, CLE	
4 L904	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		3 CIS3 3 T0057		CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309 BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLA	
4 L804 4 L807	2701-001030 2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm		3 10037 2 INL/AV		INLAY AV;PS SHEET,21D8,T0.3,-,-,-,S15A L	I, S.N.A S.N.A
4 L807 4 F101	2901-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-				CLAMP-WIRE;-,NYLON6.6,-,-,DATL	S.N.A
4 L806	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.		2 A/A-V	AA96-01546A	ASSY PCB P-A/V SIDE;TXN1634FX,K15D	
4 J124	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.				LEAD-CONNECTOR, ASSY;-, YBNH025-12,67096-	0
4 L206	3301-000287	CORE-FERRITEBEAD; AA, 3.5X1.0X6.		3 JE601 3 JR01	3722-000143 3722-001031	Jack-Phone;1P,3.4MM,-,MBAG Jack-Rca;3P,3.6MM,#18,AU	
4 G101	3301-001223	CORE-FERRITE BEAD; AB, -, 3.5X5X0.8MM, -, TP,		3 RE01	2001-001031	R-CARBON(S);1500HM,5%,1/2W,AA,	
4 G101 4 FD801S	3301-001223 3601-001086	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS		3 RE02	2001-001077	R-CARBON(S);1500HM,5%,1/2W,AA,	
4 F801A	3602-000114	FUSE-HOLDER;-,-,30MOHM		3 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
4 F801B	3602-000114	FUSE-HOLDER;-,-,30MOHM		3 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	CNIA
4 01VER	AA41-00625C	PCB-MAIN;TXM1967X/XAA,FR-1,1L,C,1.6T,245	S.N.A	3 00VER	AA41-00414A	PCB-SIDE A/V;CT21D8,FR-1,1L,A,1.6T,245x2	S.N.A

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Loc. No.	Code No.	Description ; Specification F	Remark	Loc. No.	(	Code No. D	escription ; Specification	Remark
3 DZ016 3 R125	0403-000508 2001-000005	ASSY PCB P-CONTROL;TXN1634FX,K15D DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 R-CARBON;3900HM,5%,1/8W,AA,TP,		4 84	0010	A A D 2 D 7 D 2 C A	ASSY ACCESSORY	CNIA
3 R1253 R1253 R1253 R1253 R1253 R1253 C7013 OVER3 SWA013 SWA023 SWA033 SWA033 SWA053 SWA053 SWA063 SWA06	2001-00005 2001-000241 2001-000241 2001-000472 2001-000472 2001-000924 2401-002009 AA41-00889A 3404-000176 3404-000176 3404-00176 3404-000176 6001-000465 AA32-00012A AA39-00100F AA39-20005D AA39-20055M	R-CARBON;3900HM,5%,1/8W,AA,TP, R-CARBON;1.5KOHM,5%,1/8W,AA,TP R-CARBON;1.5KOHM,5%,1/8W,AA,TP R-CARBON;2.7KOHM,5%,1/8W,AA,TP R-CARBON;2.7KOHM,5%,1/8W,AA,TP R-CARBON;2.7KOHM,5%,1/8W,AA,TP R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1 R-CARBON;6800hm,5%,1/8W,AA,TP,1 R-CARBON;6800hm,5%,1/8W,AA,TP,1.8x3.2mm C-AL;100UF,20%,16V,GP,TP6.3X7 PCB CONTROL;CT-17M6,245*245,A,,K15D,4,SW1TCH-TACT;12V,50MA,90-150GF,SW1TCH-	S.N.A	2 C	0074 S (POIN (REG AG-PE 0117	AA59-00108C AA68-02848A AA68-02408A AA68-02409A AA69-01195A AA26-90001F AA42-00004A	ASSY ACCESSORY;CL17M6M0FX/RCL,K57A REMOCON;DP,TM59,AA59-00077C,21,STR MANUAL USERS;K15D,SPA,W/P100(G) CARD-POINTS,BLUE,RCL,TANTUS/PROYECCIO CARD-REGISTRATION,WHITE,RCL,TANTUS/PR BAG PE;CL29A6W8X,HDPET0.012,93/4X151 TRANS-MATCHING;-,3000HM/750HM,NTSC, ANT ROD;VHF,4SD0DIPOLE850MMBRN PLUG-CONVERSION;15A300VPI4.0CP	ROYE S.N.A
2 CWFCR		CLAMP-WIRE;NYLON 66N,VO,NTR,15MM CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25I ASSY COVER REAR	S.N.A M S.N.A					
1 M0002	AA90-04698A	ASSY COVER REAR;CL17M6MQFX,K57A	S.N.A					
2 T0081 2 T0081 2 T0069 2 T0015 2 AC+BC 2 INL/BA	AA64-03426B AA65-30008A	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309 CLAMP-CORD;-,PE,HB,BLK,-,- INLAY-BACK;21V10,PS SHEET,BLK,K15D,S/T,D	S.N.A S.N.A S.N.A S.N.A					
		ASSY P/MATERIAL						
1 A/PMAT	- AA92-07734A	ASSY P/MATERIAL;17M6	S.N.A					
		PIN-STAPLE;-,-,-,H18,33X17.8X2 BAG;SHEET,19-20,W42,L50,F0AM,0EM	S.N.A S.N.A					
		ASSY CPT						
1 A/CPT  ⚠2 T00632 T00792 T0078	AA03-00392A AA27-00002A AA27-00299A	ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SI CRT COLOR;A41QFG692X,0mG,33mm,54.8%,FLA MAGNET-CONVERGENCE;JH291-SC-0B,29.1M DEFLECTION YOKE;DIF-1792AA,S/T,17,29.1m						
2 A/TBC 2 S/GUM	AA63-60028A AA98-70014E AA63-60004P	COIL DEGAUSSING;17INCH,10.80mH,10%,100Ts SPACER-DY;-,NEOPRENE,-,BLK,VOW ASSY TBC WIRE(P);-,16,NTSC,PAL,1P,- SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,GRY,T2 CLAMP-D,COIL;NYLON 66,V0,,21A8,-	S.N.A S.N.A S.N.A S.N.A					

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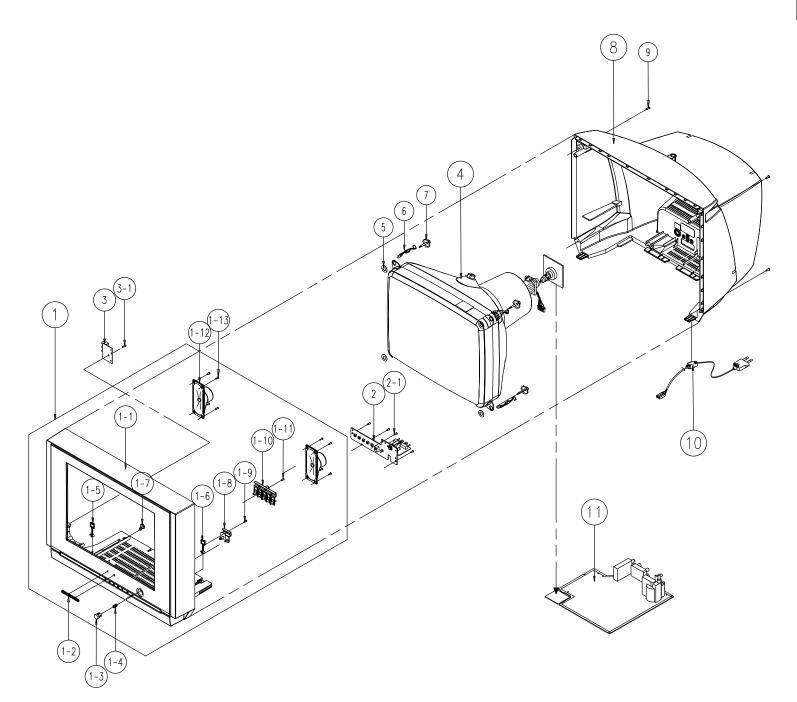
# **MEMO**

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# 6. Exploded View & Parts List

# 6-1 CL17M6MQFX/XAP

You can search for the updated part code through ITSELF web site. URL: http://itself.sec.samsung.co.kr

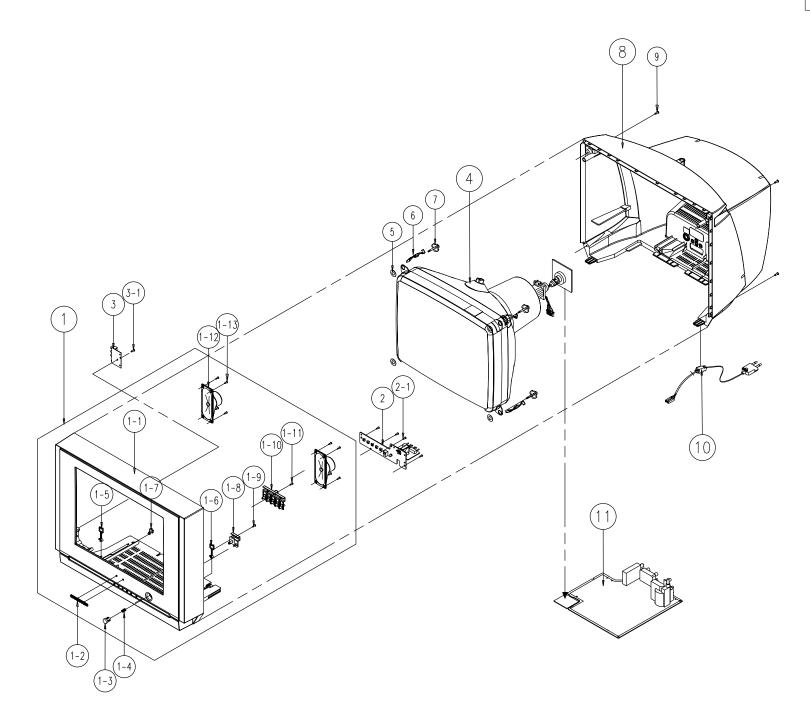


No	Code No	Description;Specification	Q'ty	Remark
1	AA96-01488B	ASSY COVER P-FRONT;17M6,(SAMEX),SPK,HIPS	1	F/C
1-1	AA64-03425B	CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309	1	CF
1-2	AA64-70123A	BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT,	1	BADGE
1-3	AA64-02100E	KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301	1	KP
1-4	AA61-60003J	SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	1	SPRING
1-5	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M	1	CWFCR
1-6	AA65-30105A	CLAMP-WIRE;NYLON 66N,VO,NTR,15MM	1	CWFCL
1-7	AA61-40113A	STOPPER-PCB;-,ABS,HB,NTR.	1	STOPPER
1-8	AA64-02103B	WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR	1	WR
1-9	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1	WR+CF
1-10	AA64-02102C	KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3	1	KC
1-11	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1	KC+CF
1-12	AA96-10137B	ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350	1	A/SPK
1-13	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	8	SPK+CF
2	AA96-01545A	ASSY PCB P-CONTROL;TXN1634FX,K15D	1	A/CTRL
3	AA96-01546A	ASSY PCB P-A/V SIDE;TXN1634FX,K15D	1	A/A-V
4	AA91-06298A	ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD	1	A/CPT
5	AA63-60004P	SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,GRY,T2	4	S/GUM
6	AA65-00009B	CLAMP-D,COIL;NYLON 66,V0,-,-,21A8,-	4	CDCOIL
7	AA60-10050R	SCREW-ASSY;WC,HH,+M5,L31.5,SWR	4	CRT+CF
8	AA64-03426B	CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309	1	B/C
9	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4	CB+CF
10	AA96-00570A	ASSY POWER CORD;-,CP2/NO,H/C200,KKP419C,	1	PWR/AC
11	AA94-13067A	ASSY PCB MAIN;17M6,K15D,LATIN	1	A/MAIN
2-1	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	3	PC+CF
3-1	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	1	AV+CF

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# 6-2 CL17M6MQFX/RCL

You can search for the updated part code through ITSELF web site. URL: http://itself.sec.samsung.co.kr

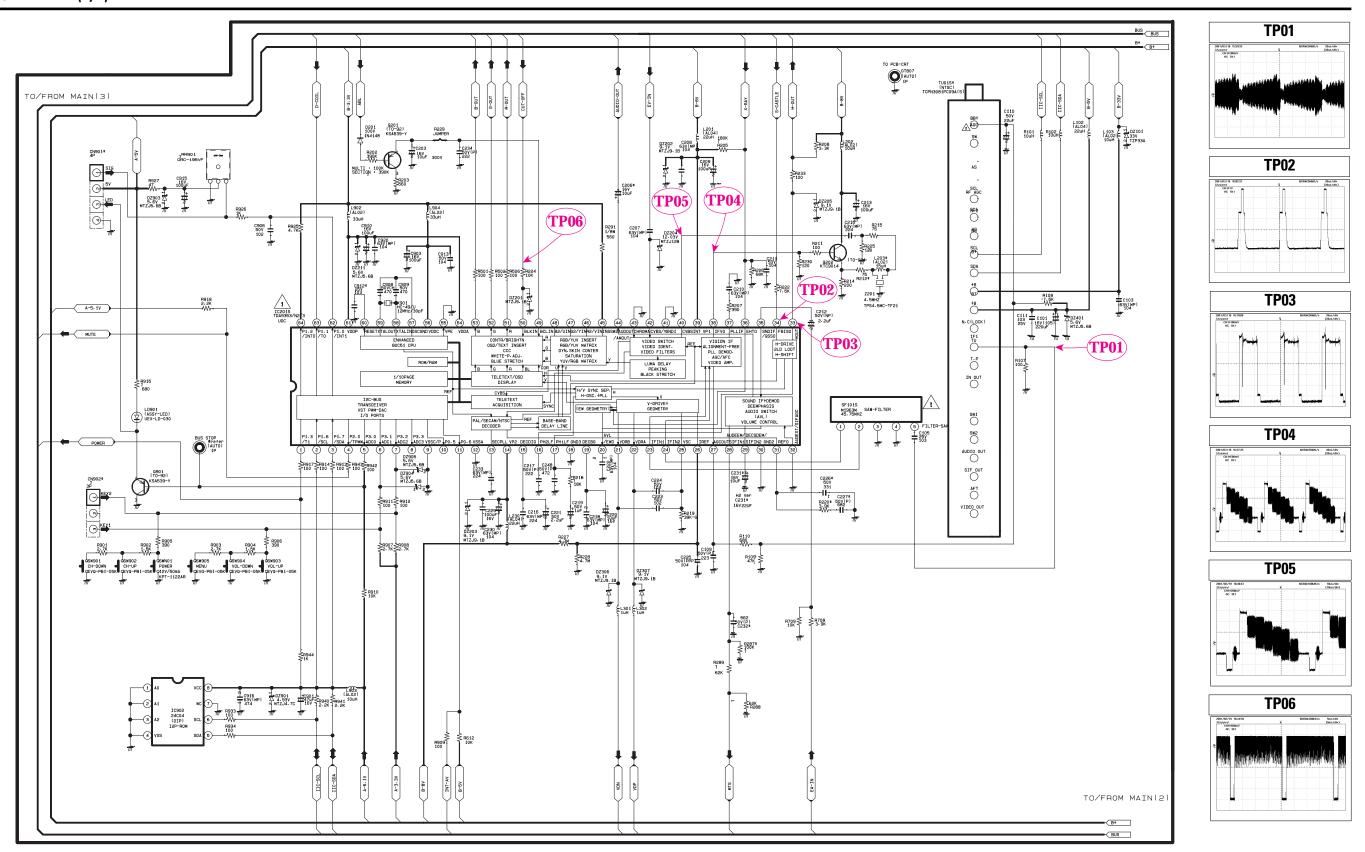


1-1       AA64-03425B       CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309       1       CI         1-2       AA64-70123A       BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT,       1       TO         1-3       AA64-02100E       KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301       1       TO         1-4       AA61-60003J       SPRING ETC-CS;-,SUS304,-,-,0D6,N7,0D6,-,       1       CI         1-5       AA65-00011C       CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M       1       CV         1-6       AA65-30105A       CLAMP-WIRE;NYLON 66N,V0,NTR,15MM       1       CV         1-7       AA61-40113A       STOPPER-PCB;-,ABS,HB,NTR.       1       ST         1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CI         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-10       AA64-02102C       KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TO         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2	0057 S 0023 IS7 S WFCR S WFCL S TOPPE S IS S	S.N.A S.N.A S.N.A S.N.A S.N.A S.N.A
1-2 AA64-70123A BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT, 1 TO 1-3 AA64-02100E KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301 1 TO 1-4 AA61-60003J SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-, 1 Cl 1-5 AA65-00011C CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M 1 CV 1-6 AA65-30105A CLAMP-WIRE;NYLON 66N,V0,NTR,15MM 1 CV 1-7 AA61-40113A STOPPER-PCB;-,ABS,HB,NTR. 1 S' 1-8 AA64-02103B WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR 1 CI 1-9 6003-001019 SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR 1 TO 1-10 AA64-02102C KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3 1 TO 1-11 6003-001019 SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR 1 TO 1-12 AA96-10137B ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350 1 AM 1-13 6003-001019 SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR 8 TO 1-13 6003-001019 SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR 8 TO 1-13 AA96-01545A ASSY PCB P-CONTROL;TXN1634FX,K15D 1 AM 1-14 AA91-06298A ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD 1 AM 1-15 AA91-06298A ASSY CPT;C	0057 S 0023 IS7 S WFCR S WFCL S TOPPE S IS S	S.N.A S.N.A S.N.A S.N.A
1-3       AA64-02100E       KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301       1       TO         1-4       AA61-60003J       SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,       1       CI         1-5       AA65-00011C       CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M       1       CV         1-6       AA65-30105A       CLAMP-WIRE;NYLON 66N,V0,NTR,15MM       1       CV         1-7       AA61-40113A       STOPPER-PCB;-,ABS,HB,NTR.       1       ST         1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CV         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-10       AA64-02102C       KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TO         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-0629	0023 IS7 S WFCR S WFCL S TOPPE S IS S	S.N.A S.N.A S.N.A S.N.A
1-4       AA61-60003J       SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,       1       CI         1-5       AA65-00011C       CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M       1       CV         1-6       AA65-30105A       CLAMP-WIRE;NYLON 66N,V0,NTR,15MM       1       CV         1-7       AA61-40113A       STOPPER-PCB;-,ABS,HB,NTR.       1       SS         1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CI         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-10       AA64-02102C       KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TO         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	IS7 S WFCR S WFCL S TOPPE S IS S	S.N.A S.N.A S.N.A
1-5       AA65-00011C       CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M       1       CV         1-6       AA65-30105A       CLAMP-WIRE;NYLON 66N,V0,NTR,15MM       1       CV         1-7       AA61-40113A       STOPPER-PCB;-,ABS,HB,NTR.       1       SY         1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CV         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-10       AA64-02102C       KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TO         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	WFCR S WFCL S TOPPE S IS S	S.N.A S.N.A S.N.A
1-6       AA65-30105A       CLAMP-WIRE;NYLON 66N,VO,NTR,15MM       1       CV         1-7       AA61-40113A       STOPPER-PCB;-,ABS,HB,NTR.       1       ST         1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CI         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-10       AA64-02102C       KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TO         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	WFCL S TOPPE S IS S 0081	S.N.A S.N.A
1-7       AA61-40113A       STOPPER-PCB;-,ABS,HB,NTR.       1       S         1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CI         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TC         1-10       AA64-02102C       KN0B CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TC         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TC         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TC         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	TOPPE S IS S 0081	S.N.A
1-8       AA64-02103B       WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR       1       CI         1-9       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TG         1-10       AA64-02102C       KN0B CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TG         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TG         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TG         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	IS S 0081	
1-9         6003-001019         SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR         1         TO           1-10         AA64-02102C         KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3         1         TO           1-11         6003-001019         SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR         1         TO           1-12         AA96-10137B         ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350         1         A,           1-13         6003-001019         SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR         8         TO           2         AA96-01545A         ASSY PCB P-CONTROL;TXN1634FX,K15D         1         A,           3         AA96-01546A         ASSY PCB P-A/V SIDE;TXN1634FX,K15D         1         A,           4         AA91-06298A         ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD         1         A,	0081	S.N.A
1-10       AA64-02102C       KN0B CONTROL;25M6,29M6,ABS,HB,G3676,SVM3       1       TO         1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,		
1-11       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       1       TO         1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,		
1-12       AA96-10137B       ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350       1       A,         1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	0022	
1-13       6003-001019       SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR       8       TO         2       AA96-01545A       ASSY PCB P-CONTROL;TXN1634FX,K15D       1       A,         3       AA96-01546A       ASSY PCB P-A/V SIDE;TXN1634FX,K15D       1       A,         4       AA91-06298A       ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD       1       A,	0081	
2 AA96-01545A ASSY PCB P-CONTROL;TXN1634FX,K15D 1 A, 3 AA96-01546A ASSY PCB P-A/V SIDE;TXN1634FX,K15D 1 A, 4 AA91-06298A ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD 1 A,	/SPK S	S.N.A
3 AA96-01546A ASSY PCB P-A/V SIDE;TXN1634FX,K15D 1 A, 4 AA91-06298A ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD 1 A,	0081	
4 AA91-06298A ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD 1 A	/CTRL	
	/A-V	
	/CPT S	S.N.A
5 AA63-60004P SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,GRY,T2 4 S,	/GUM S	S.N.A
6 AA65-00009B CLAMP-D,COIL;NYLON 66,V0,-,-,21A8,- 4 Cl	DCOIL S	S.N.A
7 AA60-10050R SCREW-ASSY;WC,HH,+M5,L31.5,SWR 4 SI	C016 S	S.N.A
8 AA64-03426B CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309 1 TO	0015	
9 6003-001026 SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR 4 TO	0081 S	S.N.A
10 AA96-00570A ASSY POWER CORD;-,CP2/NO,H/C200,KKP419C, 1 TO	0066 S	S.N.A
11 AA94-13067A ASSY PCB MAIN;17M6,K15D,LATIN 1 TO	0073	
2-1 6003-001268 SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL) 3 TO	0081	
3-1 6003-001268 SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL) 1 To	0081	

6-2 Samsung Electronics

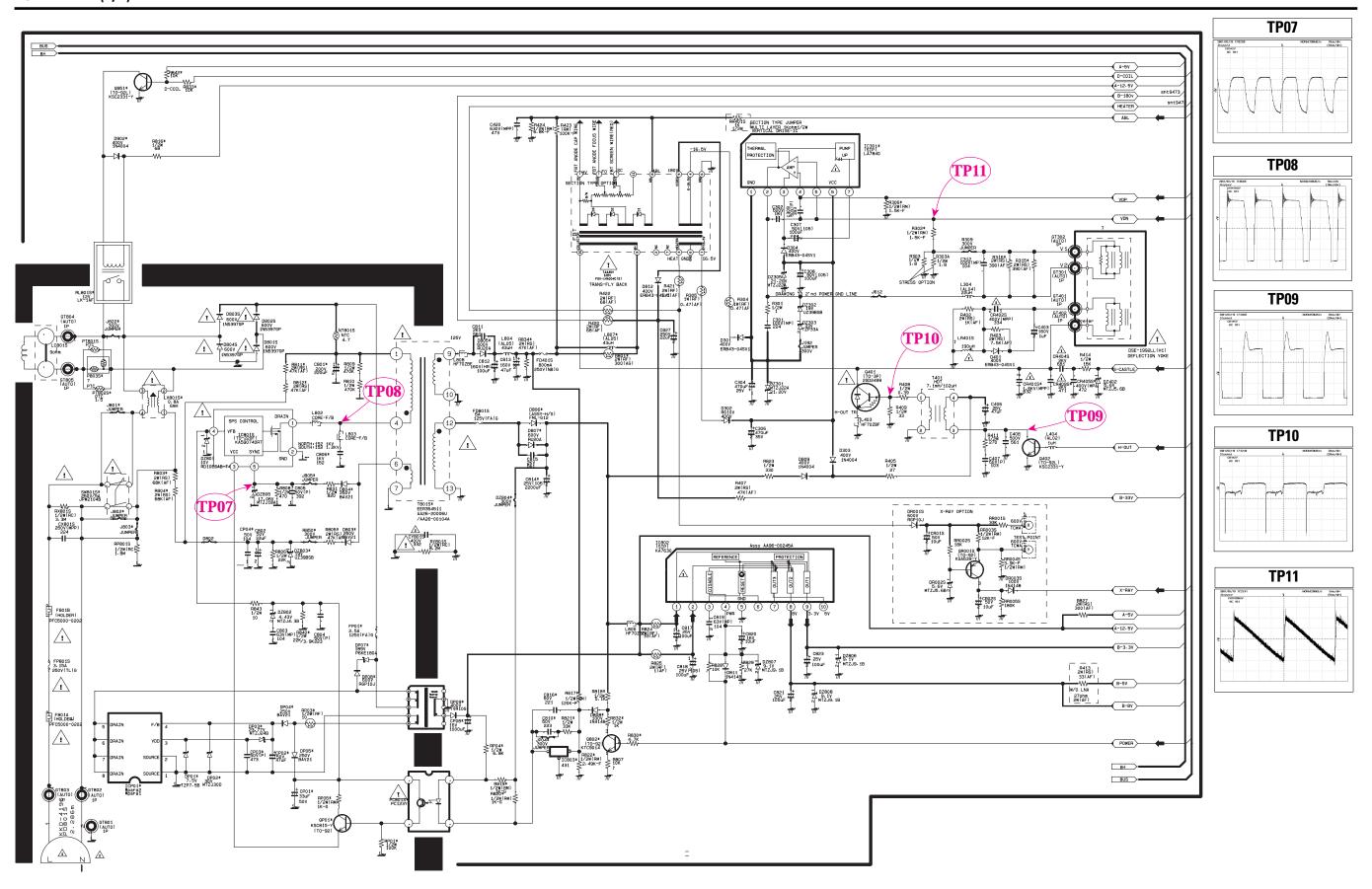
# **10. Schematic Diagrams**

### 10-1 MAIN (1/4)



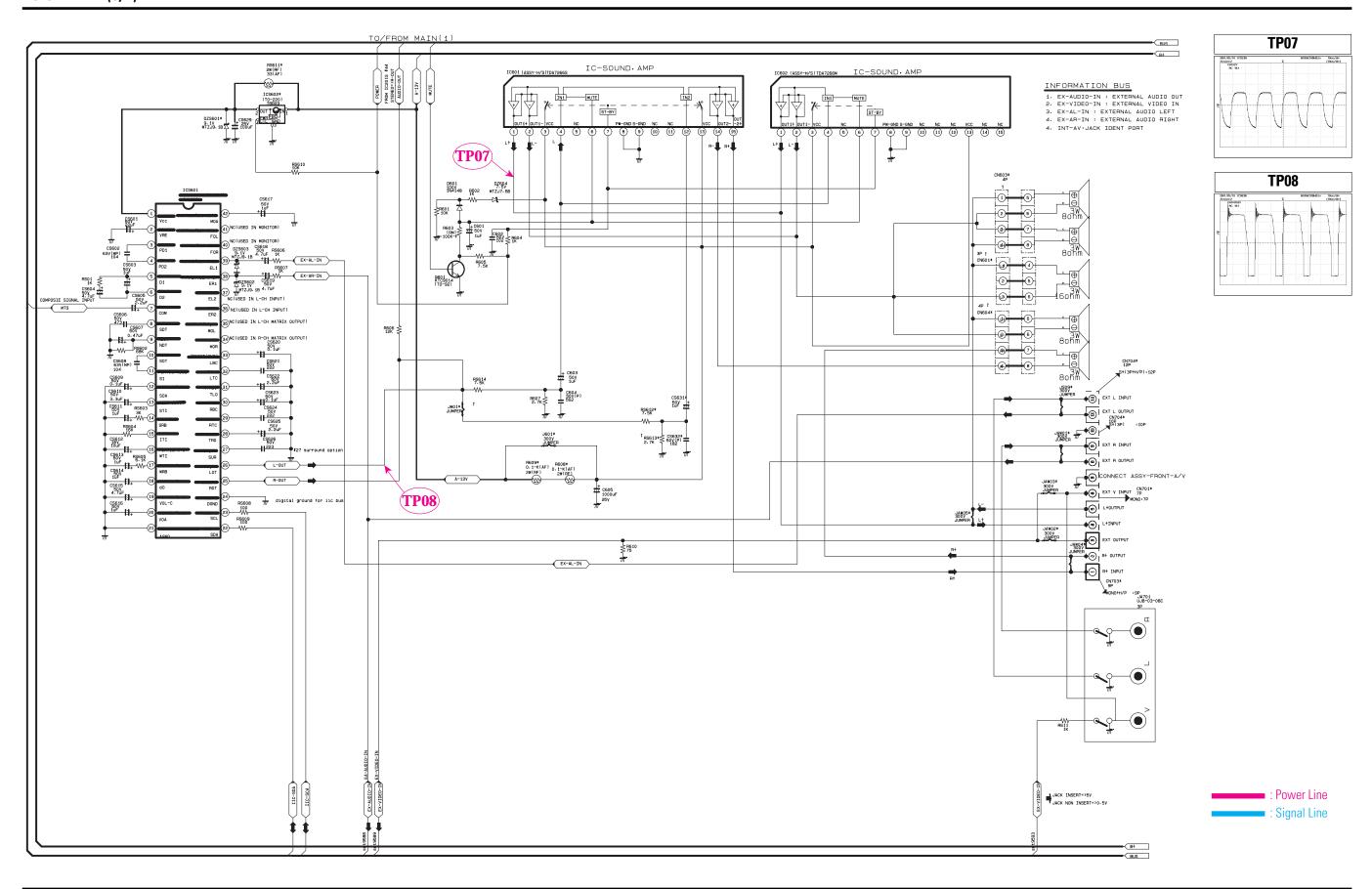
Samsung Electronics

### 10-2 MAIN (2/4)

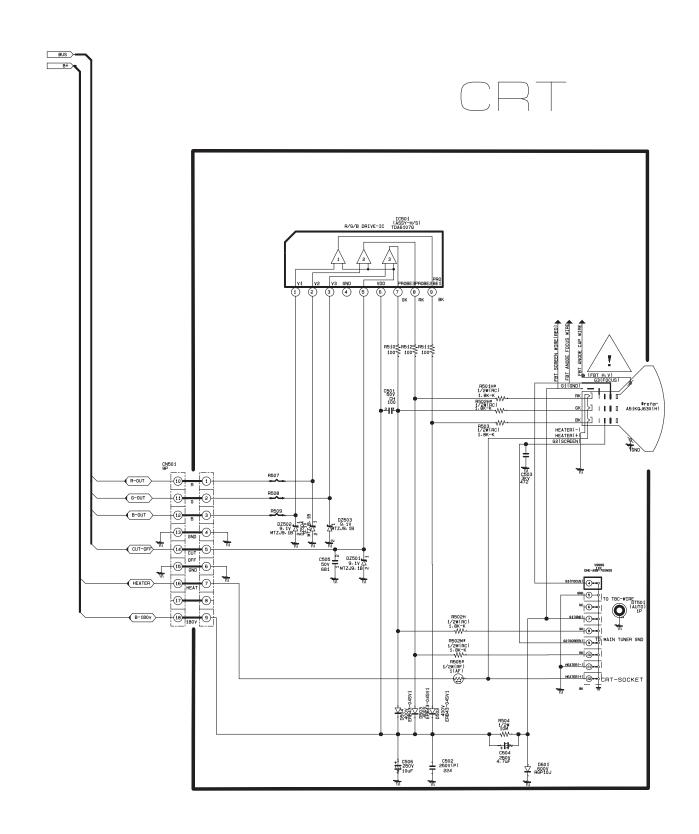


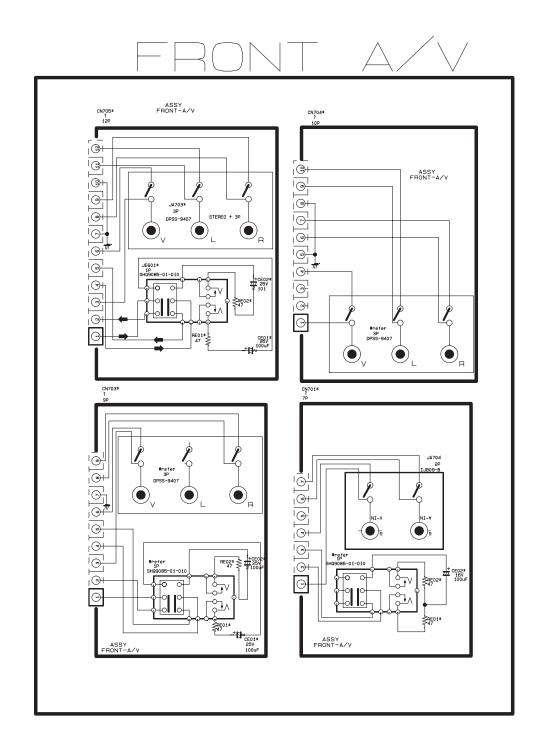
10-2 Samsung Electronics

### 10-3 MAIN (3/4)



Samsung Electronics

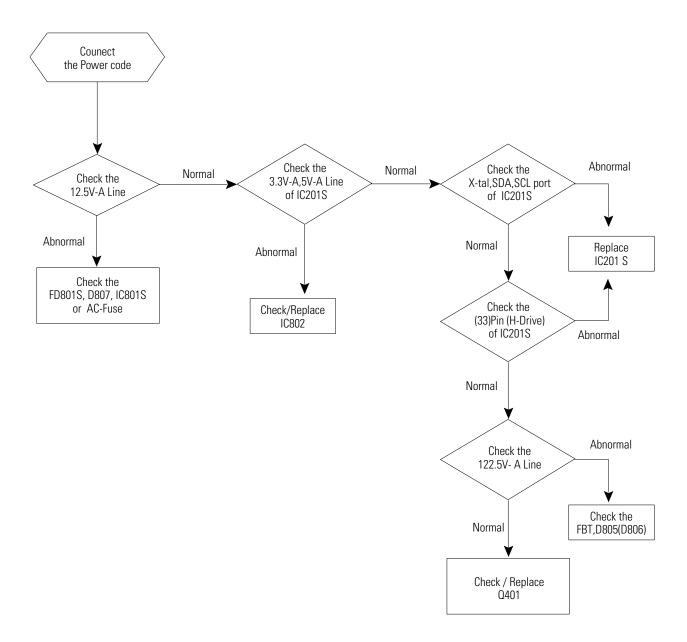




10-4 Samsung Electronics

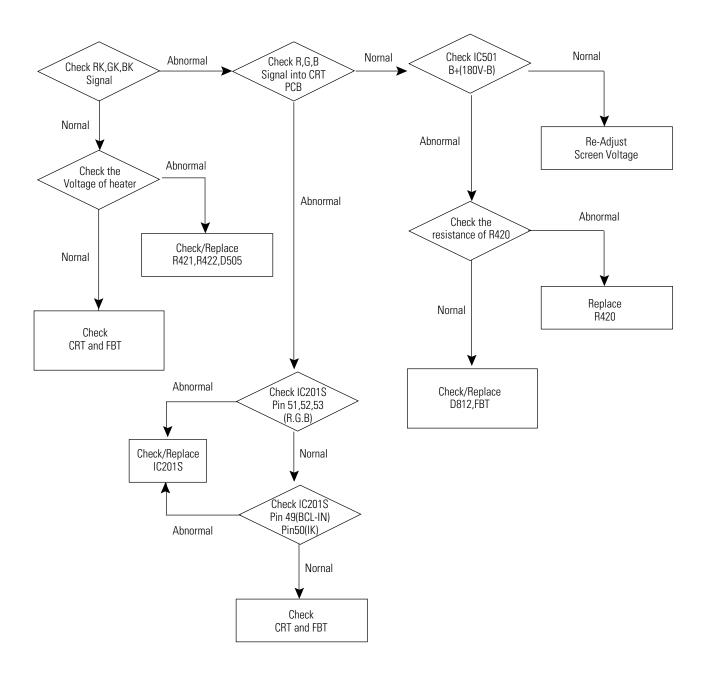
# 5. Troubleshooting

### 5-1 No Power

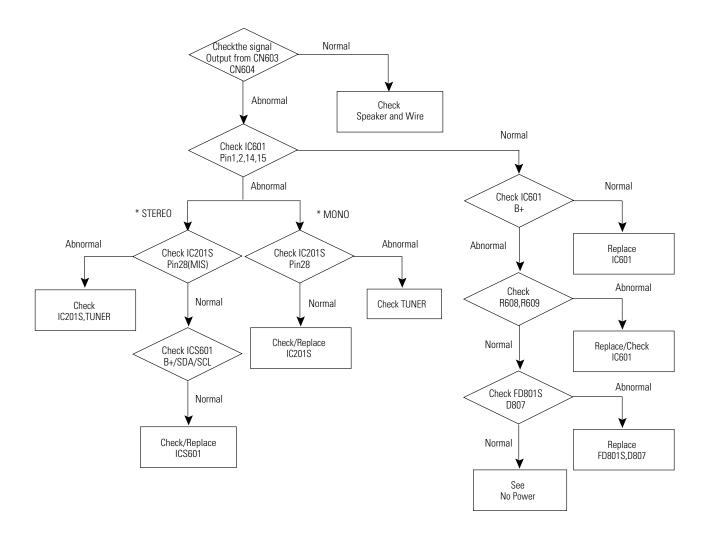


Samsung Electronics 5-1

### 5-2 No Video (Sound OK)

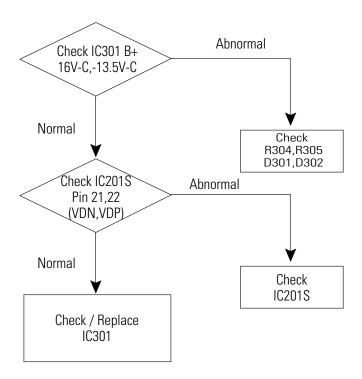


5-2 Samsung Electronics



Samsung Electronics 5-3

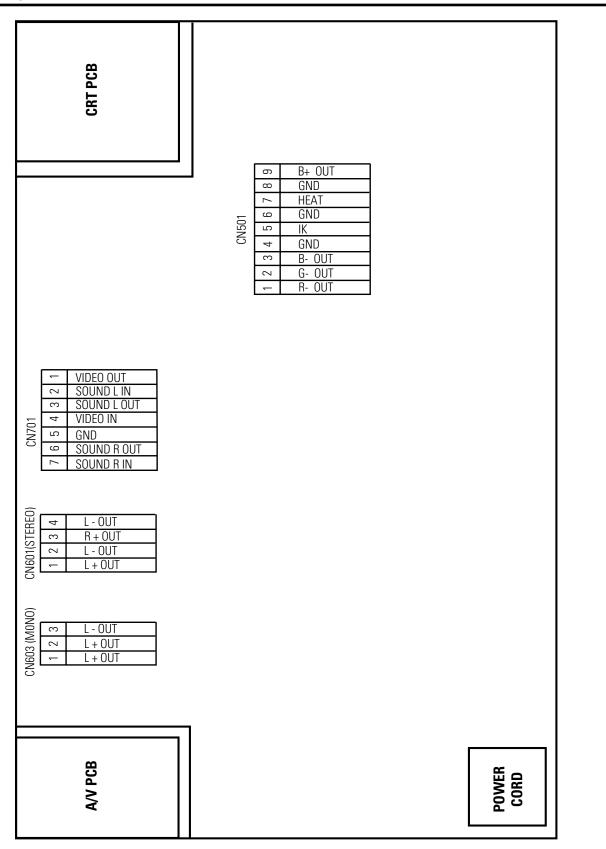
# **5-4 Vertical Lines Appear or Screen**



5-4 Samsung Electronics

# 9. Wiring Diagram

### 9-1 K15D



Samsung Electronics 9-1

# **MEMO**